

UNIVERSITY OF ILLINOIS
17 DEC 1914

STATE OF ILLINOIS, BOARD OF ADMINISTRATION.

Springfield, January 13, 1913.

REPORT OF FRANK D. WHIPP, FISCAL SUPERVISOR,

Regarding Requests for Appropriations for the State Charitable Institutions.

SUBMITTED TO THE BOARD, Jan. 20, 1913.

TO THE BOARD OF ADMINISTRATION,
Springfield, Illinois.

Dear Sirs:

In pursuance of Section 14 of "An Act to revise the laws relating to charities," approved June 11, 1912, which provides that the fiscal supervisor shall tabulate the requests for appropriations received from managing officers of institutions and present them with his recommendations to the board of administration, the following report is submitted:

CLASSIFICATION

In order that the appropriations may be made on a uniform basis the requests presented herewith have been classified into two groups, as follows:

I. ORDINARY APPROPRIATIONS: Including requests for ordinary operating expenses, ordinary repairs and improvements; and ordinary care and improvement of grounds.

II. EXTRAORDINARY APPROPRIATIONS: Including requests for buildings, enlarging heating plants, and all other extraordinary expenditures which cannot be classified as ordinary expenses.

BASIS FOR ESTIMATES

Additions and deductions have been made in the estimates where, in my judgment, it was proper to make them. In estimating the amounts required for the ordinary operating expenses of the institutions, deductions have been made to the amount of \$313,500 for the estimated cash surplus in the State Treasury on July 1, 1913, which will be available until September 30, 1913, for institutions as follows: Elgin State Hospital \$5,000; Kankakee State Hospital, \$50,000; Jacksonville State Hospital, \$30,000; Anna State Hospital, \$35,000; Watertown State Hospital, \$35,000; Lincoln State School & Colony, \$80,000; Illinois School for the Deaf, \$10,000; Illinois Soldiers' & Sailors' Home, \$12,000; Illinois Soldiers' Orphans' Home, \$10,000; Illinois Charitable Eye & Ear Infirmary, \$6,500; State Training School for Girls, \$35,000; St. Charles School for Boys, \$5,000.

Two years ago the estimates were based upon the net per capita cost of maintaining the inmates. This computation was made by taking the total indebtedness incurred on account of the appropriations for ordinary operating expenses and deducting therefrom the miscellaneous collections made by the institutions from counties and individuals on account of clothing, transportation and other incidental expenses, and by dividing the net amount by the average number of inmates present in the institutions during the year. Since this estimate was made, it has been officially determined that all miscellaneous collections must be paid into the State Treasury to the credit of the General Revenue Fund and these collections cannot be used unless appropriations are made by the General Assembly; therefore, the basis of the present estimates has been made upon a gross per capita cost instead of a net per capita cost. The gross per capita cost is computed by dividing the total indebtedness incurred, on account of the appropriation for ordinary operating expenses during the fiscal year ended September 30, 1912, by the average number of inmates actually present during the same period. Two years ago the General Assembly made an appropriation of \$690,000 for the biennial period or \$345,000 per annum in lieu of monies collected by managing officers of institutions from various sources such as the sale of manufactured articles, farm produce, collections from counties and individuals for clothing, incidental expenses and all other sources. As the present estimates are based upon the gross cost of maintaining the inmates it will not be necessary to ask for an appropriation for this purpose, except for an appropriation of \$50,000 to cover the sale of brooms and other products manufactured by the Illinois Industrial Home for the Blind at Chicago. This item is not a factor in computing the cost of maintaining the inmates at that institution for the reason that the collections are remitted to the State Treasury and become a part of the General Revenue Fund. Unless the General Assembly makes an appropriation to cover the collections the money will not be available to purchase raw material for manufacturing purposes.

For the information of the Board, a statement is furnished showing the expenditures made for labor and material from the appropriations for ordinary repairs and improvements and ordinary care and improvements of grounds at the different institutions. See Schedule "A."

A statement is also furnished showing the per capita expenditures for the year ended September 30, 1912, based upon vouchers forwarded payable from the appropriations for ordinary operating expenses, by institutions, classified under thirty-one different headings. See Schedule "B."

On December 1, 1912, the institutions under the control of the board had a total population of 18,875 inmates actually present. My estimates for the ordinary operating expenses of the institutions are based upon an estimated population of 19,999 inmates for the year beginning July 1, 1913, an increase over the present population of 1,187, exclusive of a decrease of

63 at the Illinois Soldiers' & Sailors' Home, Quincy. The estimates for the second year, beginning July 1, 1914, are based upon a total population of 20,645, an increase over the present population of 1,853, exclusive of a decrease of 83 at the Illinois Soldiers' & Sailors' Home, Quincy. It will be seen that the estimated increase in population, for the first year, is greater than that of the second year, which is due to the completion of new buildings now being constructed. In estimating the population of the hospitals for the insane for the next two years, the increase in the admissions over the discharges and deaths during the two years ended September 30, 1912, has been taken as a basis. The increase in the admissions over the discharges and deaths for the year 1911 was 491. For 1912 it was 393, making an average increase for each year of 442. The movement of population of the eight State Hospitals for the Insane for the years ended September 30, 1911 and 1912, was as follows:

SCHEDULE "A"—Expenditures from Appropriations for Ordinary Repairs and Improvements

	TOTAL	Elgin State Hospital Elgin	Kankakee State Hospital Kankakee	Jacksonville State Hospital Jacksonville	Anna State Hospital Anna	Watertown State Hospital Watertown	Peoria State Hospital S. Bartonville	Chester State Hospital Menard
ORDINARY REPAIRS AND IMPROVEMENTS								
For Labor	\$111,659.98	\$ 12,597.76	\$ 27,223.70	\$ 12,295.81	\$ 10,081.38	\$ 6,206.97	\$ 5,862.21	\$ 1,126.02
For Materials.....	174,176.03	14,054.66	42,557.11	11,661.55	13,014.73	12,778.65	9,726.02	1,765.21
Total.....	285,836.01	26,652.42	69,780.81	23,957.36	23,096.11	18,985.62	15,588.23	2,891.23
ORDINARY CARE AND IMPROVEMENT OF GROUNDS								
For Labor.....	14,195.66	1,850.69	1,729.30	999.96	1,378.09	.....	3,586.31	.....
For Materials.....	10,345.53	.....	361.97	434.19	757.25	1,858.11	1,263.62	30.00
Total.....	24,541.19	1,850.69	2,091.27	1,434.15	2,135.34	1,858.11	4,849.93	30.00

SCHEDULE "B"—Per Capita Expenditures For the Year Ending September 30, 1912. Based

CLASSIFICATION OF VOUCHERS FORWARDED FOR PAYMENT								
INVENTORY ACCOUNTS:								
1. Agricultural implements.....	\$ 0.13	.....	\$ 0.01	\$ 0.05	\$ 0.22	\$ 0.17	\$ 0.03	\$ 0.09
2. Bedding.....	1.36	.53	1.22	1.34	2.18	.83	2.45	.50
3. Buildings and permanent improvement.....	.06	.....	.....	.02	.13	.33	.05	.....
4. Clothing.....	8.61	.58	10.73	9.88	9.05	3.21	15.08	2.19
5. Food.....	54.55	52.35	47.16	54.22	63.02	53.59	64.65	47.55
6. Fuel.....	14.49	16.23	14.88	11.49	13.20	11.06	11.41	5.62
7. Furniture and fixtures.....	1.95	.29	3.35	1.82	2.88	2.02	.21	2.13
8. Harness and stable supplies.....	.17	.22	.01	.07	.10	.12	.11	.45
9. Household supplies.....	3.42	2.38	5.70	2.02	2.56	1.47	4.48	1.11
10. Instruments and apparatus.....	.26	.23	.06	.06	.29	.....	.25	.....
11. Lands.....	.11	.....	.24	.....	.44	.....	.....	1.24
12. Laundry supplies.....	1.71	1.18	1.73	1.10	1.15	.92	3.07	1.57
13. Library and periodicals.....	.25	.10	.23	.04	.26	.25	.06	.35
14. Live stock.....	1.36	1.00	.19	.30	.59	2.04	.83	1.64
15. Machinery and tools.....	.40	.12	.29	.05	.30	.69	.15	.34
16. Medicine and Medical supplies.....	2.17	2.17	2.64	1.55	2.60	1.63	2.34	3.58
17. Plumbing, heating, light and engine supplies.....	1.16	.54	.56	.22	.98	1.50	1.02	.34
18. Seeds and plants.....	.63	.12	.68	.32	1.42	1.06	.21	1.58
19. Stock feed.....	3.57	1.32	.67	2.83	7.67	.75	1.39	12.64
20. Wagons and other vehicles.....	.22	.21	.19	.11	.15	.02	.17	.38
21. Work-shop supplies.....	4.97	4.78	2.25	3.12	6.45	7.96	3.23	7.70
22. Miscellaneous not classified.....	.42	.30	.47	.....	.08	.89	.03	.15
EXPENSE ACCOUNTS:								
23. Amusement of inmates.....	.48	.03	.52	.68	.62	.33	.39	.29
24. Building repairs, ordinary.....	.13	.....	.....	.....	.01	.20	.....	.....
25. Freight and transportation.....	.38	.19	.12	.17	.18	.14	.21	1.12
26. Light.....	.34	.....	.....	.30	.....	.....	.....	.....
27. Office expense.....	1.39	1.66	.93	.83	1.42	1.06	.65	1.32
28. Salary and wages.....	69.29	71.26	68.40	65.67	54.72	56.00	54.12	90.56
29. Traveling expenses.....	.52	.17	.26	.20	.23	.27	.07	1.05
30. Water.....	1.35	.02	.01	2.81	.17	.....	3.99	.....
31. Miscellaneous not classified.....	1.50	.22	1.69	1.00	.17	.82	1.05	3.71
Total.....	\$177.35	\$158.20	\$165.19	\$162.27	\$173.24	\$149.33	\$171.70	\$189.20
Average number of inmates, total.....	16,578.83	1,475.44	2,653.59	1,599.03	1,572.12	1,401.00	2,034.44	220.47
*PER CAPITA COST OF INMATES								
Gross.....	\$177.91	\$159.01	\$165.19	\$162.27	\$173.24	\$149.33	\$171.70	\$189.20
Net.....	156.87	140.64	138.71	130.12	142.03	121.73	139.59	188.90

*Based on Ordinary Expenses incurred.

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	1911	1912
New admissions.....	3,207	3,443
Readmitted.....	606	608
	—	—
	3,813	4,051
Discharged from institutions...	425	652
Discharged on parole.....	1,548	1,673
Died.....	1,349	1,333
	—	—
	3,322	3,658

The estimated population of the eight State hospitals for the insane, January 1, 1913, is 14,000 and it will be seen from these statistics that the increase of insane has been approximately 3 per cent of the population of the institutions, and, therefore, in making the estimates of the population they have been computed on a 3 per cent basis of the total number present January 1, 1913. This does not actually represent the

total population that will be present for the reason that some of the increased number will not be maintained during the full number of days in the year, but the basis is considered a conservative one.

Comparison of increase of insane population of adjacent states, notably, Wisconsin 3 per cent; Minnesota 3.2 per cent; shows our estimate is an average normal increase in this locality. The proportion or ratio of insane to population shows little variation: Illinois 1 to 355; Wisconsin 1 to 357; Indiana 1 to 456; also ratio insane committed per 100,000 population, according to United States Census 1910, most densely populated states of East North Central group, shows very little variation. Ohio 78.2; Indiana 53; Illinois 81.7; Michigan 57.6; Wisconsin 95.

For the first year, in order to adjust the population to the hospital accommodations and care for a number of Cook County patients, 129 patients of the increase were deducted from the estimated population of the

and Ordinary Care and Improvement of Grounds. For Year Ending September 30, 1912.

Chicago State Hospital Dunning	Lincoln State School and Colony Lincoln	The Illinois School for the Deaf Jacksonville	The Illinois School for the Blind Jacksonville	The Illinois Industrial Home for the Blind Chicago	The Illinois Soldiers' and Sailors' Home Quincy	The Soldiers' Widows' Home of Illinois Wilmington	The Illinois Soldiers' Orphans' Home Normal	The Illinois Charitable Eye and Ear Infirmary Chicago	The State Training School for Girls Geneva	The St. Charles School for Boys St. Charles
\$ 6,509.53	\$ 11,187.73	\$ 2,689.03	\$ 1,682.26	\$ 7,065.50	\$ 82.65	\$ 609.42	\$ 1,360.00	\$ 4,186.56	\$ 893.45	
3,748.62	19,003.98	4,887.66	3,035.98	15,917.33	3,095.44	5,330.83	3,652.83	5,254.10	3,446.63	
10,258.15	30,191.71	7,576.69	4,718.24	22,982.83	3,178.09	5,940.25	5,012.83	9,440.66	4,340.08	
124.00	130.67	40.00		1,972.30	542.01	44.03		1,798.30		
429.50	1,993.85	25.00		165.00	363.21	69.79	292.24	1,381.69	920.11	
553.50	2,124.52	65.00		165.00	2,335.51	611.80	336.27	3,179.99	920.11	

on Vouchers Forwarded for Payment from Appropriation for Ordinary Operating Expenses.

\$ 0.08	\$ 0.07	\$ 0.19	\$ 0.34	\$ 0.95	\$ 0.35	\$ 4.73	\$ 0.24	\$ 0.56	\$ 0.18	\$ 1.08
2.97	.98	1.18					.11		2.90	1.87
12.69	12.40	2.61	2.45		7.74	.31	.71			.12
58.78	49.55	32.18	61.07	108.25	54.54	110.15	59.72	.96	8.68	3.05
7.19	12.42	28.24	24.09	26.13	12.94	21.71	31.42	72.10	41.09	47.49
2.29	2.97	.72	1.60		.74	2.72	1.61	23.63	31.36	
.37	.25	.23	.71		.08	.48	.10	.95	7.11	1.09
2.98	2.40	2.99	4.14	20.04	2.19	3.74	8.23	3.51	4.23	4.04
	.30	1.46	.60	.90	.04	.09	.27	7.50	.07	.30
	.16									
1.27	2.43	2.62	1.18	2.98	.23	2.57	4.04	4.36	1.88	3.19
.02	.35	.33	1.32		.20	.62	.69	.53	1.05	.94
2.24	1.70	1.38	.27		4.48		2.03		3.39	2.72
.38	.52	.27	.35	2.33	.60	.20	1.70		.70	1.56
2.83	.87	1.74	1.31	3.27	1.43	5.71	2.05	19.37		1.27
1.33	1.14	1.20	1.05	1.89	1.86	1.02	2.71	.63	1.74	5.85
	.60	.48	.15	.35	.29	.25	.57		.64	2.86
.97	6.20	13.68	9.25		8.07	4.06			6.89	2.00
.31	.28	1.24	.06		.02	1.75				1.27
4.85	6.52	6.27	5.80		1.87	8.51	5.22	6.34	12.42	15.05
		.26	.04		1.32			.51	2.02	1.50
.11	.87	.10	.58			3.55	2.56	.52	.31	1.13
.05	.32	.25				.42	.27	2.72	.24	
1.16	.62	.49	2.47	1.28	.64	4.80		.98	.43	.64
		1.60	2.89		.35	26.96		8.76		
2.52	1.14	2.34	3.16	7.90	1.11	5.45	1.86	4.59	2.60	2.83
57.14	60.14	200.05	187.40	119.92	49.60	124.17	105.34	125.41	84.40	91.73
.29	.28	3.10	.51	.25	.11	4.78	.94	.29	3.20	3.90
3.73	2.12	1.32	4.40		3.71					
	1.02	.90	6.94		1.23	25.32	4.80	8.16	1.80	2.75
\$166.55	\$168.62	\$309.42	\$324.13	\$296.44	\$156.18	\$364.07	\$252.62	\$281.44	\$212.06	\$232.48
	1,357.84	398.57	190.64	100.20	1,417.60	71.22	271.89	169.75	448.14	522.08
\$170.74	\$168.62	\$309.42	\$325.54	\$296.44	\$156.18	\$362.66	\$252.62	\$281.44	\$212.60	\$241.84
170.32	149.08	297.41	308.25	295.46	151.98	360.25	248.08	279.63	208.91	237.03

SCHEDULE "C"—Population of

	TOTAL	Elgin State Hospital Elgin	Kankakee State Hospital Kankakee	Jacksonville State Hospital Jacksonville	Anna State Hospital Anna	Watertown State Hospital Watertown	Peoria State Hospital S. Bartonville	Chester State Hospital Menard
Actually Present Dec. 1, 1912.....	18,875	1,493	2,893	1,630	1,596	1,474	2,125	222
Estimated Population, 1913.....	19,999	1,592	3,000	1,680	1,650	1,547	2,236	230
Increase over Present Population.....	1,187	99	107	50	54	73	111	8
Estimated Population, 1914.....	20,645	1,640	3,100	1,750	1,700	1,593	2,303	240
Increase over Present Population.....	1,853	147	207	120	104	119	178	18
Decrease 1913.....	63	.....	.....	.....	.....	.....	.....	.....
Decrease 1914.....	83	.....	.....	.....	.....	.....	.....	.....

Kankakee State Hospital, the Jacksonville State Hospital and the Anna State Hospital and added to the population of the Chicago State Hospital. For the second year, for the reasons stated above, 103 patients were deducted from the population of the above mentioned institutions and added to the population of the Chicago State Hospital. A statement is furnished showing the estimated population of the institutions (inmates only). See schedule "C."

DETAILED ESTIMATES

Detailed estimates are attached showing items, amounts, and my recommendations in regard to same. They will be found in schedule "D."

CHICAGO STATE HOSPITAL, DUNNING

On July 1, 1912, the Cook county institution for the insane at Dunning, Illinois, was transferred to the State of Illinois and since then has been known as the Chicago State Hospital. The physical condition of the buildings and equipment is exceedingly poor and a large appropriation will be necessary to rehabilitate the institution and bring it to the standard of our other State institutions. This will account for a great part of the increase in appropriations asked for this time. The appropriations for the institution at Dunning alone, for the biennial period, asked for by the managing officer, amounts to \$2,253,616.25, classified as follows: Ordinary operating expenses \$1,131,400.00; Ordinary Repairs and Improvements \$110,000.00; Ordinary Care and Improvement of Grounds \$10,000.00. Extraordinary Improvements \$1,002,216.25. The total amount recommended for this institution by myself, including the recommendations made by the Supervising Engineer for mechanical equipment, etc., amounts to \$1,928,540, classified as follows: Ordinary Operating Expenses, \$966,240; Ordinary Repairs and Improvements \$110,000; Ordinary Care and Improvement of Grounds \$5,000; Extraordinary Improvements \$847,300.

NEW HOSPITAL FOR THE INSANE

The last General Assembly made an appropriation of \$500,000 for the purchase of a site and the drawings of the plans and the preliminary construction of a new

State hospital. Out of this appropriation bills have been incurred amounting to \$199,190.36, leaving a balance available of \$300,809.64.

If the board desires to erect the buildings necessary for this institution a large appropriation will be needed and a bill should be prepared covering such an appropriation.

SURGICAL INSTITUTION FOR CRIPPLED CHILDREN

The last General Assembly appropriated the sum of \$75,000 for the purpose of constructing a suitable hospital building for the Illinois Surgical Institution for Children and for furnishing the buildings. The Board thus far has not selected a site for this institution. At the present time one site is being considered, and, in case the institution is located, an additional appropriation will be required for building purposes and possibly for maintenance.

EPILEPTIC COLONY

The committee of the Illinois State Conference of Charities and Corrections on the care of epileptics, in October 1912, recommended establishing a State colony for epileptics to provide for the care of 2,000 inmates. In 1889 the Forty-first General Assembly passed a law authorizing the establishment of the Illinois State colony for epileptics, but no appropriation was made to carry out the provisions of the Act. A bill providing an appropriation of \$100,000 for such an institution was introduced into the Forty-third General Assembly and passed the house, but the Senate failed to concur. The Forty-fifth General Assembly in 1907 also had up for consideration a bill appropriating \$265,000 for such a colony and the Forty-sixth General Assembly in 1909 had before it a bill making an appropriation of \$110,000 for this purpose, but neither of these bills passed. If the Board desires to establish such a colony, it should prepare a bill covering same and present it to the General Assembly.

TEN HOUR LAW FOR FEMALES

The Forty-seventh General Assembly enacted a law regulating and limiting the hours of employment for females. This Act provides:

Institutions (Inmates only)

Chicago State Hospital Dunning	Lincoln State School and Colony Lincoln	The Illinois School for the Deaf Jacksonville	The Illinois School for the Blind Jacksonville	The Illinois Industrial Home for the Blind Chicago	The Illinois Soldiers' and Sailors' Home Quincy	The Soldiers Widows' Home of Illinois Wilmington	The Illinois Orphans' Home Normal	The Illinois Charitable Eye and Ear Infirmary Chicago	The State Training School for Girls Geneva	The St. Charles School for Boys St. Charles
2,435	1,415	397	204	83	1,463	72	303	171	398	501
2,659	1,500	420	210	100	1,400	125	325	175	550	600
224	85	23	6	7		53	22	4	152	99
2,709	1,600	430	210	100	1,380	125	340	175	550	700
274	185	33	6	17		53	37	4	152	199
					63					
					83					

"That no female shall be employed in any mechanical or mercantile establishment, or factory, or laundry, or hotel, or restaurant, or telegraph or telephone establishment or office thereof, or in any place of amusement, or by any person, firm or corporation engaged in any express or transportation or public utility business, or by any common carrier, or in any public institution, incorporated or unincorporated in this State, more than ten hours during any one day. The hours of work may be so arranged as to permit the employment of females at any time so that they shall not work more than ten hours during the twenty-four hours of any day."

On June 26, 1912, the board of administration requested an opinion from the Attorney General as to whether the charitable institutions under the control of the Board were subject to the provisions of this Act and the Attorney General held that the charitable institutions owned and operated by the State were not included within the provision of the law. If the present General Assembly amends the Act referred to so that the State charitable institutions come within the purview of the Act, then it will be necessary to materially increase the requests for the appropriations. One managing officer of a State hospital for the insane has recommended that the daily hours for nurses and attendants be shortened so that the maximum will not be over ten hours for each day. He states that in his hospital, which has an approximate population of 1,630 patients, in order to shorten the hours to ten, it will require an increase in his appropriation of \$12,000 per annum. On this basis the total additional cost, of shortening the hours of attendants and nurses in the seven hospitals for the insane, employing women,

would be approximately \$120,000 per annum, or \$240,000 for the biennial period for these institutions alone. If the changes referred to are made, some provision must be made to meet the additional expense.

SUPERVISING ENGINEER

Under the provisions of "An Act creating the office of Supervising Engineer for the General Assembly, its members and committees and the board of administration of the State of Illinois and fixing his compensation," approved June 10, 1911, it is the duty of the Supervising Engineer to consult and advise the General Assembly, its members and committees, and the board of administration in all matters required in the construction, repair, equipment and economical management of the State institutions, and to prepare such drawings, plans, specifications and estimates for the foregoing purposes as may be required. Inasmuch as it is his duty to advise the board on these technical matters, you are respectfully referred to his report to your board dated January 4, 1912, containing his recommendations, a copy of which is attached hereto. See schedule "E."

SUMMARY OF REQUESTS

The total requests of the managing officers amount to \$11,692,364.53, and the amount recommended by the supervising engineer and myself is \$10,352,968.89, making a reduction of \$1,339,395.64. See schedule "F."

Respectfully submitted,

F. D. WHIPP,
Fiscal Supervisor.

**SCHEDULE "D"—Continued
(I. Ordinary Appropriations)**

Item No. Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked

Asked by Recommended
Managing by Fiscal
Office Supervisor

ELGIN STATE HOSPITAL

1 ORDINARY OPERATING EXPENSES FOR 1913:

The managing officer asks for an appropriation of \$305,600 for 1,600 patients at a gross per capita cost of \$191. My estimate is for 1,592 patients at \$159.01, the actual gross per capita cost during the year ended September 30, 1912, which makes a total of \$253,143.92. After deducting \$5,000, the estimated net cash available in State Treasury on July 1, 1913, it leaves a balance of \$248,143.92 which will be needed for the expenses of the first year. This amount is recommended.....

\$305,600 \$248,143.92

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
2	ORDINARY OPERATING EXPENSES FOR 1914:		
	The managing officer asks for an appropriation of \$314,325 for 1,650 patients based upon a gross per capita cost of \$190.50. My estimate is 1,640 patients at \$159.01 the actual gross per capita cost for the year ended September 30, 1912 which makes a total of \$260,776.40 which will be required for the second year. This amount is recommended.....	\$314,325	\$260,776.40
3	ORDINARY REPAIRS AND IMPROVEMENTS:		
	This request is for the same amount that was appropriated by the last General Assembly. Approximately 50% is for labor and 50% for material. The labor each year covers Carpenters, \$5,281; Painters, \$2,571; Electricians, \$1,762; Plasterers, \$1,300; Laborers, \$2,930; Masons, \$1,105; Tinners, \$1,567; Steamfitters, \$823; Plumber, \$210. The usual amount of repairing should be done at this hospital and as the request seems reasonable it is approved.....	70,000	70,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS:		
	\$2,000 per annum is asked for this purpose. This is the same amount appropriated two years ago by the General Assembly. It includes \$1,668 for a florist and laborers and the balance is for material used about the grounds. The request is approved.....	4,000	4,000

KANKAKEE STATE HOSPITAL

1	ORDINARY OPERATING EXPENSES FOR 1913:		
	The managing officer asks for an appropriation of \$493,000 for 2,900 patients based upon a gross per capita cost of \$170. My estimate is 3,000 patients at \$165.19 the actual gross per capita cost during the year ended September 30, 1912, or \$495,570, from which \$50,000 is deducted for the estimated net cash balance available in State Treasury July 1, 1913. This leaves \$445,570 which will be required for the first year. This amount is recommended.....	493,000	445,570
2	ORDINARY OPERATING EXPENSES FOR 1914:		
	The managing officer asks for \$527,000 for 3,100 patients based upon a gross per capita cost of \$170. My estimate is 3,100 patients at \$165.19 the actual gross per capita cost during the year ended September 30, 1912, or \$512,089 which will be required for the second year. This amount is recommended.....	527,000	512,089
3	ORDINARY REPAIRS AND IMPROVEMENTS:		
	The managing officer asks for an appropriation of \$200,000 or \$100,000 per annum. The appropriation of two years ago was \$64,000 per annum, or \$128,000 for the biennial period. The total amount paid for labor from this fund last year was approximately \$32,000. Allowing 50% for material would make a total of \$64,000 per annum. If the ordinary repairs are made along the same lines that they have been in the past two years and also the same amount of remodeling is done, the institution will not require a larger appropriation than was made two years ago; therefore, \$128,000 is recommended for this purpose.....	200,000	128,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS:		
	Inasmuch as the request is for the same amount that was appropriated two years ago, it is believed it is reasonable. Approximately \$1,600 of this fund is expended per annum for labor and the balance for material needed about the grounds.....	5,000	5,000

(I. Ordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Recommended Managing by Fiscal Officer Supervisor
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PSYCHOPATHIC INSTITUTE, KANKAKEE

1 ORDINARY OPERATING EXPENSES FOR 1913 AND 1914:

The director of the institute asks for \$17,300 per annum as follows: Director, \$3,600 per annum; Pathologist, \$1,800 per annum; Clinical Assistant, \$1,800 per annum; Clinical Pathologist \$1,800 per annum; Two Stenographers, (\$600 per annum), \$1,200; Chemist, \$1,500 per annum; Technicians, \$1,800 per annum; Janitor, \$300 per annum; Traveling Expenses for Field Workers, \$1,500 per annum; Books, instruments and other expenses, \$2,000 per annum. Inasmuch as the institute is doing educational work along modern lines in the study of mental diseases, it is believed that this department should be properly maintained, and, therefore, the request of the director is approved.....

\$34,600 \$34,600

JACKSONVILLE STATE HOSPITAL

1 ORDINARY OPERATING EXPENSES FOR 1913:

Request is made for \$267,320 for 1630 patients at a gross per capita cost of \$164. My estimate is 1680 patients at \$162.27 the actual gross per capita cost during the year ending September 30, 1912, which aggregates \$272,613.60. By deducting therefrom \$30,000 which is the estimated net cash available in the State Treasury on July 1, 1913, it will require \$242,613.60 for this purpose.....

267,320 242,613.60

2 ORDINARY OPERATING EXPENSES FOR 1914:

The managing officer asks for \$287,000 to care for 1750 patients at a gross per capita cost of \$164. My estimate is based upon 1750 patients at \$162.27, the actual gross per capita cost during the year ending September 30, 1912, which amounts to \$283,972.50. This amount is recommended.....

287,000 283,972.50

3 ORDINARY REPAIRS AND IMPROVEMENTS:

For this purpose \$25,000 per annum is requested. This is the same amount that was appropriated two years ago. During the last fiscal year \$12,295.81 was expended for labor and \$11,661.55 for material. It is believed that this amount will be needed for the repairs. Approved.....

50,000 50,000

4 ORDINARY CARE AND IMPROVEMENT OF GROUNDS:

The request of \$2,000 per annum seems reasonable. The appropriation of two years ago has hardly been adequate to do the work needed. An increase of \$500 per annum should be allowed. At present \$1,000 per annum is paid to the florist who cares for the greenhouse and grounds and at present only \$1,000 per annum is available for laying walks, building curbings, seeds and plants. The request should be allowed. Approved.....

4,000 4,000

ANNA STATE HOSPITAL

1 ORDINARY OPERATING EXPENSES FOR 1913:

The request for this purpose is \$285,450 for the maintenance of 1650 patients at a gross per capita cost of \$173. My estimate is 1650 patients at \$173.24 the actual gross per capita cost during the year ended September 30, 1912, which amounts to \$285,846. After deducting \$35,000, the estimated net cash available in the State Treasury July 1, 1913, it will require \$250,846, which amount is recommended.....

285,450 250,846

2 ORDINARY OPERATING EXPENSES FOR 1914:

For this year the request is \$294,100 for 1700 patients based upon a gross per capita cost of \$173. My estimate is 1700 patients at \$173.24 the actual gross per capita cost during the year ended September 30, 1912, which amounts to \$294,508. This amount is recommended.....

294,100 294,508

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
ANNA STATE HOSPITAL—Continued			
3 ORDINARY REPAIRS AND IMPROVEMENTS:			
	The request is for the same amount that was appropriated two years ago, namely \$25,000 per annum. The total expenditures for one year amounted to \$23,096.11 which was for labor and material. The following amounts were expended for services of mechanics: Three carpenters \$2,478; four plumbers, \$2,926.46; two painters, \$1,223.10; one machinist, \$732.65; one upholsterer, \$56.13; one tinner, \$428.28; nine laborers, \$2,236.76. The request seems reasonable and is approved..		\$50,000 \$50,000
4 ORDINARY CARE AND IMPROVEMENT OF GROUNDS:			
	The request is the same as the appropriation of two years ago. During the last fiscal year the expenditures on account of this fund have been for labor, \$1,378.09; for material \$757.25. The request is reasonable and is approved.....		4,000 4,000
WATERTOWN STATE HOSPITAL			
1 ORDINARY OPERATING EXPENSES FOR 1913:			
	The sum of \$248,000, based upon a population of 1550 patients at a gross per capita cost of \$160, is asked. My estimate is 1547 patients at \$149.33 the actual gross per capita cost during fiscal year ended September 30, 1912, which amounts to \$231,013.51. From this amount \$35,000 has been deducted on account of the estimated cash available in the State Treasury on July 1, 1913, leaving \$196,013.51 which will be needed; therefore, this amount is recommended.....		248,000 196,013.51
2 ORDINARY OPERATING EXPENSES FOR 1914:			
	The managing officer estimates that it will require \$248,000 for this year's expenses. My estimate is 1593 patients at \$149.33 the actual gross per capita cost during year ended September 30, 1912, or \$237,882.69, which amount is recommended.....		248,000 237,882.69
3 ORDINARY REPAIRS AND IMPROVEMENTS:			
	Two years ago the appropriation made by the General Assembly for this purpose was only \$17,000 per annum. The managing officer advises that it has been impossible to keep up the ordinary repairs with the present force and if the State expects to keep the buildings in good condition it will require the services of additional mechanics as follows: One extra carpenter, two extra helpers, one steam-fitter helper and one engineer helper. This additional expense together with the present employes will require an expenditure of \$9,363 per annum. As a general rule the material used by the mechanics is approximately 50% of the cost of the improvements. With \$20,000 per annum it is thought the building can be kept in good repair; therefore, that amount is recommended.....		60,000 40,000
4 ORDINARY CARE AND IMPROVEMENTS OF GROUNDS:			
	The managing officer asks for \$5,000 per annum for this purpose. He states that he is unable to furnish a detailed estimate of the amount required for the reason that expenditures from this fund have to be made as the occasion requires; however, expenditures have been as follows: Lumber, \$1,100; tile \$200; cement, \$350; hardware, \$300. It is believed that \$2,000 per annum is ample for this purpose, this estimate being based upon similar allowances made to the Elgin State Hospital, Anna State Hospital and Lincoln State School and Colony, institutions of like size. Approved for \$2,000 per annum.....		10,000 4,000

(I. Ordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Recommended Managing Officer	by Fiscal Supervisor
PEORIA STATE HOSPITAL, BARTONVILLE			
1 ORDINARY OPERATING EXPENSES FOR 1913:			
	The sum of \$420,000 for the maintenance of 2400 patients at a per capita cost of \$175 is asked. My estimate covers 2236 patients at \$171.70, the actual gross per capita cost during the year ended September 30, 1912, which amounts to \$383,921.20. This amount is recommended.....	\$420,000	\$383,921.20
2 ORDINARY OPERATING EXPENSES FOR 1914:	For this year \$420,000 is also requested for 2400 patients at \$175 per capita. My recommendation is 2303 patients at \$171.70, the actual gross per capita cost during year ended September 30, 1912, or \$395,425.10.....	420,000	395,425.10
3 ORDINARY REPAIRS AND IMPROVEMENTS:	The managing officer requests an appropriation of \$37,128 per annum. This estimate is based upon employing each year one head carpenter, \$900; five carpenters, \$4,140; one boss painter, \$900; six painters, \$4,680; three plumbers, \$2,844; three plumber helpers, \$1,440; one steamfitter, \$840; one steamfitter helper, \$480; one electrician, \$900; one electrician's helper, \$540; brick mason, \$600; plasterer, \$300; total for labor, \$18,564. Estimating the material at 50% of the repairs would make the total amount of his request \$37,128 per annum. On account of remodeling the heating system and building a system of tunnels for the steam and water pipes, many of the needed repairs could not be made during the last two years, and, therefore, an increased appropriation will be required. It is believed that with \$35,000 per annum the necessary repairs can be made and that amount is recommended.....	74,256	70,000
4 ORDINARY CARE AND IMPROVEMENT OF GROUNDS:	A request of \$5,000 per annum is made for this purpose, that being the same amount appropriated two years ago. The managing officer's estimate is: One cement man, \$540; ten laborers and teamsters, \$3,000; material, \$1,460. The appearance of the grounds at this hospital could be greatly improved with trees and shrubbery and in other ways. A larger appropriation is needed by this institution than is ordinarily needed at institutions where the grounds have been improved.....	10,000	10,000
CHESTER STATE HOSPITAL			
1 ORDINARY OPERATING EXPENSES FOR 1913:			
	The managing officer's estimate is based on a population of 230 patients at \$192.50 per capita, or \$44,275. My estimate is for 230 patients at \$189.20, the actual gross per capita cost during year ended September 30, 1912, or \$43,516...	44,275	43,516
2 ORDINARY OPERATING EXPENSES FOR 1914:	For this year the managing officer asks for \$46,200 based on a population of 240 patients at a per capita cost of \$192.50. My estimate is for 240 patients at \$189.20, the actual gross per capita cost during year ended September 30, 1912, or \$45,408.....	46,200	45,408
3 ORDINARY REPAIRS AND IMPROVEMENTS:	The request for this purpose is the same amount that was appropriated two years ago, \$3,200 per annum. During the past year the expenditures from this fund have been: Regular mechanic's salary, \$815.32; brick mason, \$35.75; stone worker, \$19.00; material, \$1,946.16; total, \$2,816.23. The request seems reasonable and is approved.....	6,400	6,400

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
CHESTER STATE HOSPITAL—Continued			
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS:		
	\$500 per annum, the same amount that was appropriated two years ago, is requested at this time. The request is reasonable and should be granted.....	\$1,000	\$1,000
CHICAGO STATE HOSPITAL, DUNNING			
1	ORDINARY OPERATING EXPENSES FOR 1913:		
	The sum of \$528,275 is asked for maintaining 2,825 patients at a per capita cost of \$187.00. My estimate is 2,659 patients at a per capita cost of \$180. The per capita cost is estimated on the expenses of the institution during the quarter ended September 30, 1912. The quarterly per capita cost was multiplied by 4 and \$10 was added for increased cost during the two quarters of the winter months. The estimate on this basis shows that it would require \$478,620; therefore, that amount is recommended.....	528,275	478,620
2	ORDINARY OPERATING EXPENSES FOR 1914:		
	The managing officer estimates that it will require \$603,125 for 3,125 inmates at \$193 per capita. My estimate is for 2,709 patients at \$180 gross per capita, on the same basis as the first year, which amounts to \$487,620.....	603,125	487,620
3	ORDINARY REPAIRS AND IMPROVEMENTS:		
	The managing officer states that the appropriation of \$35,000 per annum, made two years ago, has been inadequate to do the necessary repair work on the old buildings. At the present time it requires \$27,500 per annum to pay the wages of mechanics, their wages being considerably higher than those paid for like services at the other State institutions. The buildings are delapidated and the need of repairs is very apparent. Almost everything about the place needs repairs or renewing of some kind and it is almost impossible at this time to ascertain just what the exact conditions are. These conditions can better be described after some of the major repairs have been made. As stated before, 50% of the repairs is usually expended for material, and, therefore, \$55,000 per annum would be needed for this purpose and that amount is recommended.....	110,000	110,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS:		
	The managing officer asks for an appropriation of \$5,000 per annum. His estimate is based upon improving the driveways, constructing cement curbings and walks and setting out a grove of trees west of the old infirmary poorhouse. From this fund it is desired to pay one florist \$720 per annum and one cement man \$800 per annum, making a total of \$1,520 per annum for wages. The grounds of this institution are in fairly good condition and in my judgment the total amount requested will not be needed. Kankakee State Hospital received an appropriation two years ago of \$2,500 per annum for this purpose and it is believed that a like amount for Dunning will be ample; therefore, that amount is recommended.....	10,000	5,000
LINCOLN STATE SCHOOL AND COLONY			
1	ORDINARY OPERATING EXPENSES FOR 1913:		
	The managing officer requests an appropriation for 1,500 inmates at \$175 per capita, or \$262,500. My estimate is 1,500 inmates at \$168.62, the actual gross per capita cost during year ended September 30, 1912, less \$80,000, an estimated accumulated balance in State Treasury, July 1, 1913, making \$172,930.....	262,500	172,930
2	ORDINARY OPERATING EXPENSES FOR 1914:		
	For the second year the managing officer asks an appropriation of \$280,000 for 1,600 inmates at \$175 per capita. My estimate is 1,600 inmates at \$168.62, the actual gross per capita cost during year ended September 30, 1912, or \$269,792....	280,000	269,792

(I. Ordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
3	ORDINARY REPAIRS AND IMPROVEMENTS: The request is for the same amount that was appropriated two years ago. It is based upon expenditures as follows: 5 carpenters \$3,984; 1 brick mason \$864; 1 machinist \$900; 1 plumber \$984; 1 electrician \$876; 1 steamfitter \$864; 4 painters \$2,868; 1 tinner \$864, making a total per annum of \$12,204 for labor, or \$24,407 for two years. The balance of the amount requested, \$35,592, is for material. It is in excess of 50%, but this is due to the fact that considerable work is done by inmate labor. The request is reasonable and should be allowed.....	\$60,000	\$60,000

4 ORDINARY CARE AND IMPROVEMENT OF GROUNDS:

The request is the same amount that was appropriated two years ago. It is for annual expenditures to 1 florist \$720; yardman \$600; miscellaneous material \$680.....

4,000 4,000

ILLINOIS SCHOOL FOR THE DEAF, JACKSONVILLE

1 ORDINARY OPERATING EXPENSES FOR 1913:

The sum of \$144,000 for 450 pupils at a per capita cost of \$320 is requested. My estimate is for 420 pupils at \$309.42, the actual gross per capita cost during year ended September 30, 1912, which amounts to \$129,956.40, less \$10,000 the estimated net cash balance in the State Treasury on July 1, 1913, making \$119,956.40 which will be required.....

144,000 119,956.40

2 ORDINARY OPERATING EXPENSES FOR 1914:

The managing officer's request is the same as for the first year, 450 pupils at \$320 per capita, or \$144,000. My estimate is for 430 pupils at \$309.42, the actual gross per capita cost during year ended September 30, 1912, or \$133,050.60.....

144,000 133,050.60

3 ORDINARY REPAIRS AND IMPROVEMENTS:

The managing officer asks for \$12,000 per annum. Two years ago the appropriation was only \$6,000 per annum, but at that time there was a large cash balance available which was used to purchase material. At this time there is no large amount available for this purpose and it will be necessary to appropriate additional funds for the repairs. During the last fiscal year the expenditures have been: Labor \$2,689.03; material \$4,887.66; total \$7,576.69. It is believed that with \$8,000 per annum the necessary repairs can be made, and, therefore, that amount is recommended.....

24,000 16,000

4 ORDINARY CARE AND IMPROVEMENT OF GROUNDS:

\$3,000 per annum is requested for this purpose. The appropriation of two years ago was only \$1,000 per annum. No good reason has been given why this appropriation should be increased; therefore, the amount appropriated two years ago is recommended.....

6,000 2,000

ILLINOIS SCHOOL FOR THE BLIND, JACKSONVILLE

1 ORDINARY OPERATING EXPENSES FOR 1913:

The managing officer asks for \$68,250 for 210 pupils at a per capita cost of \$325. My estimate is for 210 pupils at \$325.54, the actual gross per capita cost during year ended September 30, 1912, or \$68,363.40.....

68,250 68,363.40

2 ORDINARY OPERATING EXPENSES FOR 1914:

The managing officer's request is for \$68,250 on same basis as request for first year. My estimate is based on 210 pupils at \$325.54, the actual gross per capita cost during year ended September 30, 1912, or \$68,363.40.....

68,250 68,363.40

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Recommended Managing Officer	by Fiscal Supervisor
3	ORDINARY REPAIRS AND IMPROVEMENTS: \$3,500 per annum is requested for this purpose. This is the same amount that was appropriated two years ago. During the last year the expenditures were: Labor \$1,682.26; material \$3,035.98; total \$4,718.24. A great part of the repairing is done by contract. The request is reasonable and approved.....	\$ 7,000	\$ 7,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: While no request for this purpose has been made by the managing officer, as a matter of justice, an appropriation should be made so that the ordinary operating expense appropriations of all the State institutions will be on the same basis. At the present time the grounds of the institution are kept up from the ordinary operating expense appropriation. With \$500 per annum it is believed that the grounds can be cared for, and, as it is difficult to keep within the ordinary expense appropriation, no deduction therefrom has been made in my recommendations.....	1,000	

INDUSTRIAL HOME FOR THE BLIND, CHICAGO

1	ORDINARY OPERATING EXPENSES FOR 1913: The sum of \$27,950 is asked for. It is based on 86 inmates at \$325 per capita. The estimate of the population, in my opinion, is too small. Provision should be made for at least 100 inmates. My estimate is 100 inmates at \$296.44, the actual gross per capita cost during year ended September 30, 1912, or \$29,644.....	27,950	29,644
2	ORDINARY OPERATING EXPENSES FOR 1914: The managing officer asks for \$27,950 for 86 inmates at \$325 per capita. My estimate is the same as for the first year.....	27,950	29,644
3	ORDINARY REPAIRS AND IMPROVEMENTS FOR MAIN BUILDING: \$1,250 per annum is asked for this purpose. All of the improvements and repairs are done by contract; therefore, it is impossible to estimate the amount of labor and material necessary. Two years ago the appropriation was \$1,000 per annum, which, in my judgment, has been sufficient to keep up the repairs. It is thought that no increase is needed; therefore, the same amount is recommended at this time.....	2,500	2,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: \$100 per annum is requested for this purpose. This is a modest request and is considered reasonable for the work to be done. Approved.....	200	200
5	ORDINARY REPAIRS AND IMPROVEMENT OF FACTORY: \$1,500 per annum is asked. Two years ago the appropriation for this purpose was \$2,500 per annum, but it is believed that \$1,500 per annum will be ample for the factory requirements. The Board has recently made a contract with the sanitary district of Chicago to furnish electricity to drive the machinery in the factory and a great part of the old appropriation was used to purchase motors and other electrical machinery and to pay for the feed wire leading up to the institution grounds. The present appropriation is to be used for tuck-pointing and painting the factory building and also for necessary repairs to the building and machinery when they are needed.....	3,000	3,000

ILLINOIS SOLDIERS' AND SAILORS' HOME, Quincy

1	ORDINARY OPERATING EXPENSES FOR 1913: The sum of \$218,400 is asked, based upon a population of 1,400 inmates at \$156 per capita. My estimate is 1,400 inmates at \$156.18, the actual gross per capita cost
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(I. Ordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	ILLINOIS SOLDIERS' AND SAILORS' HOME, Quincy—Continued during year ended September 30, 1912, which amounts to \$218,652. By deducting \$12,000, the estimated cash balance available in the State Treasury July 1, 1913, it will require \$206,652 to maintain this institution the first year. This amount is recommended.....		\$218,400 \$206,652
2	ORDINARY OPERATING EXPENSES FOR 1914: For this year the request is for \$212,520 based upon a population of 1,380 inmates at a per capita cost of \$154. My estimate is 1,380 inmates at \$156.18, the actual gross per capita cost during year ended Spetember 30, 1912, or \$215,528.40..		212,520 215,528.40
3	ORDINARY REPAIRS AND IMPROVEMENTS: Two years ago the appropriation made was \$18,000 per annum, or \$36,000 for the biennial period. The request this time is for \$24,000 for the first year and \$20,000 for the second year, or \$44,000, an increase of \$8,000 over two years ago. It has been impossible to keep up the buildings with the amount appropriated two years ago. The plumbing is in bad shape and the woodwork of the buildings is badly in need of paint. Bids were secured in September, 1912, amounting to \$4,557.30 to paint the exterior woodwork of the buildings and the interior of Lippincott Hall, but the bids together with the ordinary repairs were in excess of the appropriation and the painting could not be done. The buildings have not been painted for 5 or 6 years. There are approximately 22 cottages, one hospital, hospital annex, Lippincott Hall, library, cookhouse, headquarter's building, Superintendent's residence and a number of barns to be kept in repair. The improvements should be made and the request is approved.....		44,000 44,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: The managing officer asks for \$2,000 per annum for this purpose. This is the amount usually appropriated for institutions of like size. Approved.....		4,000 4,000
	THE SOLDIERS' WIDOWS' HOME OF ILLINOIS, Wilmington		
1	ORDINARY OPERATING EXPENSES FOR 1913: The managing officer estimates that it will require \$32,000 for the first year. If it is expected to maintain 125 inmates at this institution, my estimate is 125 inmates at \$362.66, the actual gross per capita cost during year ended September 30, 1912, or \$45,332.50.....		32,000 45,332.50
2	ORDINARY OPERATING EXPENSES FOR 1914: The request is the same as for the first year and my recommendation is also the same.....		32,000 45,332.50
3	ORDINARY REPAIRS AND IMPROVEMENTS: This is the same amount that was appropriated two years ago by the General Assembly. The request seems reasonable and is approved. Repair work is not done by institution labor, but by contract.....		4,500 4,500
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: Two years ago the appropriation for this purpose was \$800 per annum. An additional \$200 per annum is asked so that roads can be built in the rear of the building and on account of building cement walks leading to the new hospital building. The request is approved.....		2,000 2,000

THE ILLINOIS SOLDIERS' ORPHANS' HOME, Normal

ORDINARY OPERATING EXPENSES FOR 1913:

The sum of \$76,074 for 300 inmates based upon a per capita cost of \$253.58 is

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	requested. My estimate is 325 inmates at \$252.62, the actual gross per capita cost during year ended September 30, 1912, or \$82,101.50, less \$10,000 the estimated available balance in the State Treasury July 1, 1913, which would leave \$72,101.50 to be appropriated.....		\$76,074 \$72,101.50
2	ORDINARY OPERATING EXPENSES FOR 1914: For this year the managing officer estimates that it will require \$76,371 for 300 inmates at a per capita cost of \$254.57. My estimate is 340 inmates at \$252.62, the actual gross per capita cost during year ended September 30, 1912, or \$85,890.80.		76,371 85,890.80
3	ORDINARY REPAIRS AND IMPROVEMENTS: The request is for the same amount that was appropriated by the last General Assembly. The estimate of the cost of repairs is: Labor, \$2,799; material, \$1,300. This appropriation is inadequate to do the repair work in the old buildings, the plastering, painting and papering of which are in a bad state of repair; therefore, \$3,000 has been added to place these old buildings in good condition. My recommendation is that \$7,000 be appropriated for the first year and \$4,000 for the second year.....		8,000 11,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: The managing officer's request is for \$200 per annum less than it was two years ago. This is evidently an error for the reason that his estimate amounts to \$600 per annum as follows: Labor, \$315; material, \$285. Approved for \$600 per annum.....		800 1,200

THE ILLINOIS CHARITABLE EYE AND EAR INFIRMARY, CHICAGO

1	ORDINARY OPERATING EXPENSES FOR 1913: The sum of \$50,050 is requested for the maintenance of 175 patients at \$286 per capita, plus \$5,000 to pay assistant surgeons now furnishing services gratuitously. My estimate is 175 patients at \$281.44, the actual gross per capita cost during year ended September 30, 1912, plus \$4,500 for salaries of nine assistant surgeons at \$500 per annum, total \$4,500, would amount to \$53,752, from which is deducted \$6,500, the estimated cash available in the State Treasury on July 1, 1913, leaving \$47,252, which would be required.....		55,050 47,252
2	ORDINARY OPERATING EXPENSES FOR 1914: For the second year the managing officer has made the same request. My estimate is for 175 patients at \$281.44, the actual gross per capita cost during year ended September 30, plus \$4,500 for the salaries of the assistant surgeons, which would make a total of \$53,752.....		55,050 53,752
3	ORDINARY REPAIRS AND IMPROVEMENTS: The request is for \$4,500 per annum, which is the same as was appropriated two years ago. The repairs to these buildings are usually done by contract. It is contemplated during the next biennial period to paint the exterior of the buildings from this fund. During the last fiscal year there has been expended for labor \$1,360; for material, \$3,652.83; total, \$5,012.83. The request is approved.....		9,000 9,000

THE STATE TRAINING SCHOOL FOR GIRLS, GENEVA

1	ORDINARY OPERATING EXPENSES FOR 1913: The managing officer requests \$130,000. My estimate is for 550 girls at \$212.60, the actual gross per capita cost during year ended September 30, 1912, which
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(I. Ordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	amounts to \$116,930, less \$35,000 the estimated net cash available in State Treasury on July 1, 1913, leaves \$81,930 which will be required.....		\$130,000 \$81,930
2	ORDINARY OPERATING EXPENSES FOR 1914: The sum of \$130,000 is requested. My estimate is for 550 girls at \$212.60, the actual gross per capita cost during year ended September 30, 1912, or \$116,930....		130,000 116,930
3	ORDINARY REPAIRS AND IMPROVEMENTS: \$24,000 is requested for the biennial period of \$12,000 per annum. A great part of the repairing is done by contract. Last year the expenditures were for labor, \$4,186.56; material, \$5,254.10; total, \$9,440.66. The appropriation made two years ago has been ample to make the repairs and it is believed that the same amount will be sufficient for the next two years; therefore, \$11,000 per annum is recommended.....		24,000 22,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: Request for \$3,000 per annum is made. In my opinion \$2,500 per annum is sufficient.....		6,000 5,000
THE SAINT CHARLES SCHOOL FOR BOYS, ST. CHARLES			
1	ORDINARY OPERATING EXPENSES FOR 1913: The managing officer estimates that it will require \$145,200 for 600 boys at a per capita cost of \$242. With the completion of two new farm cottages that are now being erected and the remodeling of three old farm houses the school will have a capacity for 600 boys. The average population for the past year has been 523 boys, but when the John Worthy School of Chicago is closed the population at this place will be increased. My estimate is for 600 boys at \$241.84, the actual gross per capita cost during year ended September 30, 1912, which amounts to \$145,104, less \$5,000 the estimated cash balance available in the State Treasury July 1, 1913, leaves \$140,104 which will be required.....		145,200 140,104
2	ORDINARY OPERATING EXPENSES FOR 1914: The managing officers request is based upon a population of 700 boys at \$242 per capita, which would require \$169,400. It is expected that the population will increase at least 100 the second year. My estimate is 700 boys at \$241.84, the actual gross per capita cost during the year ended September 30, 1912, cr \$169,288		169,400 169,288
3	ORDINARY REPAIRS AND IMPROVEMENTS: The managing officer requests an appropriation of \$20,000 or \$10,000 per annum. The appropriation made two years ago was too small to make the ordinary repairs at the school. The managing officer estimates to do the amount of repairing that should be done he should employ each year mechanics as follows: One painter, \$720; one plumber, \$600; one cement man, \$780; one cabinetmaker, \$840; one brick mason, \$600; two carpenters, \$1,260; one blacksmith, \$660; total, \$5,460. Allowing 50% for material it would require approximately \$10,000 per year. It is believed that it will not be necessary to employ all of the mechanics referred to and that with an appropriation of \$7,000 per annum the repairs can be kept up.....		20,000 14,000
4	ORDINARY CARE AND IMPROVEMENT OF GROUNDS: The managing officer requests \$2,000 per annum. The appropriation of two years ago was only \$1,500, and, in my judgment, this will be ample for the next two years.....		4,000 3,000

Item
No.

Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked

Asked by Recommended
Managing by Fiscal
Officer Supervisor

ELGIN STATE HOSPITAL

1 NEW BOILER PLANT, POWER HOUSE AND EQUIPMENT:

The managing officer's request is as follows:

"An appropriation of \$75,000 with which to build and equip a new central power plant is requested. I wish to emphasize the importance of building such a plant and below give my reasons for the same: The present plant is inadequate. It consists of four 150 h. p. boilers and one 250 h. p. boiler. This gives a maximum of 850 h. p. which is barely sufficient at the present time to carry the load in cold weather, provided all are in operation at the same time and the weather is not too severe. This, however, gives no reserve for cleaning and provides for no emergency. Last winter in the severest weather some of our wards were uncomfortable at times. The four 150 h. p. boilers are in good condition; the 250 h. p. boiler, however, is old and liable to fail at any time. We have at the present time 103,000 feet of radiation. This has been increased 5,000 feet by building the Psychopathic building for women, the Tuberculosis hospital, the bakery, the laundry and the laboratory and morgue. Our present plant will not carry this increased load. It may be augmented by the use of the boilers at the Annex, but they are old, unreliable and not economical to operate. To operate this plant means the employment of additional firemen and the use of a grade of coal which is not economical. The erection of more buildings to care properly for the patients on our already overcrowded wards is imperative. This will add further to the load. The installation of motor driven pumps at the pumping station adds a load of 100 h. p. to the present plant. The floor of the present boiler plant is below the sewer line. This fact and the fact that the space between the boilers and the walls of the boiler room is small, results in certain dangerous features to which I wish to direct the attention of your Board. If a tube for any reason should give way suddenly, it would be practically impossible to rescue anyone who happened to be in the boiler room. This possibility must be borne in mind, because patients as well as employees are about the boiler room constantly. The statement that such an accident has never occurred is no argument. Should such a contingency arise, it is very doubtful whether the injured boiler could be cut out. This would result in a crippling and a possible shutting down of the entire plant. Our present enforced method of handling ashes and coal is to be condemned. After a night's run, the firemen are unable to give attention to the furnaces until large quantities of ashes are removed. The doors of the furnaces are from necessity left open for considerable periods of time.

The coal bunkers are on top of the furnaces and the coal frequently fires from the intense heat below. This has resulted in frequent burning out of the boiler fronts and stoker boxes. The steam headers are poorly designed and it is impossible to keep them tight. Repairs are expensive. The exhaust headers are too small. The pump room is so small that when repairs are necessary the connections must be broken and the pump removed to another room. The engine room is crowded and there are certain places therein which are really dangerous. To increase the present plant will necessitate lengthening the boiler room and using the space between the boiler room and the coal shed. This is not recommended because it would mean a temporary affair, cost practically as much as a new building, and be a makeshift at that. This is emphasized by referring to the reports of a few years ago. Forty-five thousand dollars were spent upon the heating plant and still we have one which is inadequate. If additional boiler capacity is added to the present plant a new stack will be a necessity because the present one is already overloaded. The present boiler room is continuous with the kitchen, the amusement hall and main building. This in itself is a bad feature. For these

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	reasons, I recommend to your Board the building of a new power plant, a plant separate from the main building, a plant which is modern, with modern facilities for conveying ashes and coal, a plant which is adequate and one which will care for the needs of the hospital for years to come. I would recommend a plant consisting of a boiler room 48x100x30 feet with an engine room 32x100x20 feet. In this should be installed three boilers of 400 h. p. capacity each and two of 300 h. p. capacity each. The four 150 h. p. boilers now in use could be converted into the two boilers of 300 h. p. capacity mentioned above.		
	This would give a total capacity of 1,800 h. p. The maximum load, I believe, when the buildings under course of construction are completed, in cold weather will be about 1,200 h. p. A plant with the capacity mentioned above will give 600 h. p. for reserve in case of emergency, during the cleaning of the boilers and the like. I have consulted contractors in regard to the construction of such a building and builders of boilers relative to the installation of new and the moving of the old boilers, and have itemized the cost of moving the machinery, the installation of all new equipment that will be needed, the building of all necessary foundations and the like. The sum of \$75,000 will be required to build such a plant as we need."		
	The managing officer has furnished me a detailed estimate showing the cost of the boilers, buildings and other improvements.....	\$ 75,000	*\$134,800
2	PSYCHOPATHIC BUILDING FOR MEN: If the State expects to furnish scientific care and treatment for the insane, a modern building of this kind is almost a necessity. In the buildings now in use there is no hydrotherapy apparatus in use, except packs. The new building would provide for such a department. The improvement is desirable and is approved. The request is based upon estimates submitted by contractors now working on other buildings at the institution.....	35,000	35,000
3	BUILDING FOR UNTIDY PATIENTS: It is believed that the erection of this building can be postponed for two years or longer without serious inconvenience to the institution management. Disapproved.....	25,000	
4	SUPERINTENDENT'S RESIDENCE: It has been the policy of the Board not to recommend appropriations for superintendent's residences until adequate buildings have been provided to care for the increasing number of insane of the State. This request is disapproved.....	15,000	
5	NEW PLUMBING FOR ANNEX BUILDING: The plumbing in the Annex building is not modern and in order to make the building sanitary it should be renewed. The estimate is based upon bids submitted a few months ago by different contractors when plumbing was contracted for for the center building. Approved.....	7,000	7,000
6	GREENHOUSE: The present greenhouse, with some repairs, can be used by the hospital for a few years longer. It is not necessary at this time to replace it with a new one; therefore, this request is disapproved.....	10,000	

*Supervising Engineer recommends \$134,800. (See his report.)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
ELGIN STATE HOSPITAL—Continued			
7 BUILDING FOR EMPLOYES:			
	If good results are expected, pleasant surroundings must be provided for employes. The rule of the Board has been to approve of appropriations for employes' quarters. Approved for \$26,000, this being the estimate furnished two years ago by the State Architect.....		\$30,000 \$26,000
KANKAKEE STATE HOSPITAL			
1 LAUNDRY BUILDING:			
	Last May the laundry building and equipment were destroyed by fire and since that time the lower floor of the amusement hall has been used as a laundry, the equipment being purchased from the repair and improvement fund. A well-lighted, properly ventilated, and modern laundry building should be erected at this hospital. With such a large population it is almost impossible to care for the clothes belonging to the patients, many of whom are untidy. The state architect has estimated that \$35,000 will be needed for the building. The machinery now in use can be transferred to the new building. The request is reasonable and should be allowed.....		35,000 35,000
2 ROOF FOR BOILER HOUSE:			
	It is very important that this improvement be made. It is desired to construct a concrete roof. The estimate has been made by the state architect. Approved..		18,000 18,000
3 COTTAGES FOR TUBERCULOUS PATIENTS:			
	At the present time the male and female tuberculous patients are cared for in dormitories of cottages with other patients. Their quarters should be provided with sunlight and diet kitchens so that special treatment could be given these unfortunates. The State has been repeatedly criticized by anti-tuberculosis organizations for not providing proper care. It is estimated that at least 1,000 cubic feet of air space should be allowed per patient. The present quarters provide for under 500 cu. ft. of air space. The present surroundings are cheerless and it is almost impossible to obtain employes for this service. It is believed that with better surroundings it will be less difficult to secure help. At the present time changes in the employes occur frequently. The building contemplated would increase the capacity of the hospital by 60. From a humanitarian standpoint, the appropriation should be made. Approved.....		20,000 20,000
4 NEW ENGINE LATHE:			
	It is believed that if it is absolutely necessary to purchase this machine that it could be done with other funds; therefore, the request is disapproved.....		1,700
5 CONTAGIOUS DISEASE BUILDING:			
	At the present time the institution has a smallpox case which is being cared for in the horse barn, there being no other building to care for contagious diseases. When an epidemic of diphtheria or other contagious disease appears it is necessary to care for the cases in single rooms in the hospital wards and the diseases undoubtedly spread to patients in adjacent parts of the building. These cases cannot be properly segregated unless a separate building is provided. It is believed, however, that \$10,000 would provide for a building in wood which would be sufficient to care for these patients.....		20,000 10,000
6 Cow BARN:			
	It is desired to milk at least 200 head of cows and as the present barn is too small to care for all of them the request should be granted. The Peoria State hospital received an appropriation of \$10,000 for a cow barn to care for 100 head; therefore, it is believed that \$15,000 will erect a barn with a 150 cow capacity...		18,000 15,000

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Recommended Managing by Fiscal Officer Supervisor
7 HORSES:	A number of the horses belonging to the State are so old that they are unfit for use. It would be economy to dispose of the old horses and purchase new ones. Inasmuch as the State owns several colts which will soon be ready for work, it is believed that \$1,000 will be ample for this purpose.....	\$1,500 \$1,000
8 BUILDING ADDITIONAL ADMINISTRATIVE QUARTERS:	While a building of this character is desirable, it is believed that the erection of one can be postponed without great injury to the service. The appropriation for a building for male employes has been approved, and, if it is urgent to furnish additional administrative quarters, part of this building can be used for that purpose. Disapproved.....	27,000
9 BUILDING FOR MALE EMPLOYES:	This request is in line with what has been done at the State hospitals at Jacksonville and Peoria. The Charities commission and the Board of Administration have endorsed the plan of housing nurses and attendants in separate quarters from the patients, for the reason that it is claimed that better service will be secured from the employes. It is believed that \$90,000 will erect and furnish a building of this kind. This is based upon the cost of a like building at Jacksonville. This hospital is larger than the one at Jacksonville, but it is better provided with quarters for employes; therefore, the same recommendation is made.....	100,000 90,00
10 WATER SYSTEM:	As an economical proposition, the appropriation should be made. It would do away with the operation of the pumps at the river, except to use them as an auxiliary plant in case of emergency. The coal now used in the pumping plant averages 9 tons a day and the plant is operated every day in the year. Considerable saving could be made by operating the water system under the constant supervision of the engineer and the exhaust steam could be used for heating water for the laundry and other departments. If this appropriation is made, the services of three firemen can be dispensed with. It is estimated that this improvement will bring about a saving of at least \$3,000 per year.....	20,000 *20,000
11 MACHINE SHOP:	Two years ago the managing officer requested \$10,000 for a warehouse for tools and mechanical supplies. The reasons given for this appropriation were practically the same as are assigned at this time. The last General Assembly appropriated only \$5,000 for this purpose and a contract has been let for the erection of the building. It is thought that with an addition to this warehouse that the tools can be properly taken care of, therefore, this request is disapproved.....	20,000
12 PIGGERY:	This expenditure, in my judgment, should be made from the repair and improvement fund. Disapproved.....	3,000
13 BLACKSMITH SHOP:	The present blacksmith shop is an old frame farm house that was on the premises before the property was owned by the State. It is dilapidated and too small to be used as a blacksmith shop, it being necessary to keep a great quantity of material and articles to be repaired outside of the building exposed to the weather. The building is an eye-sore to the institution and it is a disgrace for the State to use it. The request is approved.....	6,000 6,000

*Supervising Engineer recommends \$20,000. (See his report.)

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Recommended Managing by Fiscal Officer Supervisor
KANKAKEE STATE HOSPITAL—Continued		
14 BUILDING TUNNEL:		
	This is in line with economy and the improvement should be made. Approved . . .	\$1,750 \$1,750
15 WATER STORAGE OF COAL:		
	While it is believed that this improvement would bring about a saving in heat units of coal, yet it is recommended that nothing be done until full information is obtained on this subject with a view of taking concerted action in regard to the power plants of all of our State institutions. The matter has not been sufficiently investigated to make a recommendation on the subject. It should be given careful consideration by experts before experimenting. Disapproved	5,000
16 SPRINKLER SYSTEM FOR SHOPS:		
	If this improvement is urgently needed, it can be paid for out of other funds. Disapproved	1,500
17 NEW UNIT FOR ENGINE ROOM:		
	(No report by Supervising Engineer.)	7,500
18 WAREHOUSE FOR TOOLS:		
	At the present time a warehouse is being built at a cost of \$5,000. This building is not large enough for this purpose. An appropriation of \$18,000 is asked for to provide an additional wing. Approved for \$10,000	18,000 10,000
19 GASOLINE PLOW:		
	While this implement would no doubt be useful on the farm, yet it is believed that the land can be properly tilled with horses and patient labor. In my judgment, this would only add additional expense to the cost of farming. Disapproved	1,500
20 IRON RADIATOR COVERS:		
	It is believed that with an appropriation of \$15,000 the radiators in the main building and those in 25 cottages could be properly protected. It is estimated that \$3,000 will equip the main building and \$12,000 the 25 cottages. Some of the patients have been severely burned by unprotected radiators, and, therefore it is urgently recommended that the appropriation be made. Approved	25,000 15,000
21 DOMESTIC HOT WATER HEATER:		1,200 *1,200
22 PRESSURE TANK FOR ELEVATORS:		1,600 *1,600
23 TELEPHONE SYSTEM:		
	This includes watch clock service and fire alarm system. The managing officer states that with an increased rental the telephone company would install the necessary cables. It is believed that it would be more satisfactory to have the installation made by the telephone company who employ expert workmen; therefore, the request is disapproved	2,500
24 RESERVE PUMP FOR DEEP WELLS:		2,000 *2,000
25 BRINE SYSTEM FOR COLD STORAGE:		
	The cold storage plant is at present inadequate to furnish refrigeration for the needs of the institution. Part of the plant has been provided with pipes, but owing to the inability of the apparatus to refrigerate at a great distance only part of the space is refrigerated. The institution is required to store a great amount of meats and dried fruits	3,500 *3,500

*Supervising Engineer recommends above amounts. (See his report.)

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
26 STEEL FLOOR FOR PUMP HOUSE:	This expenditure should be made out of the ordinary repair and improvement fund. Disapproved.....		\$ 350
27 WAGON SHED:	The managing officer states: "We have no wagon shed worthy of the name and a wagon shed is a necessity for our thirty or more farm vehicles which now simply stand out in all weather. For this request is made for \$1,000." If this shed is a necessity, the appropriation for ordinary repairs and improvements should be used for that purpose. Disapproved.....		1,000
28 COACH BARN:	While the present coach barn is of frame construction, it is in fairly good condition and will answer the purpose for some time to come. Disapproved.....		5,000
29 DAIRY HERD:	One hundred additional cows will be needed so that the hospital can have a herd of 200. It is almost impossible to produce or buy enough milk in the neighborhood to meet the requirements of the patients. In an institution of this kind milk is of great value in furnishing food to the inmates. The large farm produces an abundance of stock feed and at the present time it is necessary to transfer a great part of it to the other State institutions. At this time there is an available appropriation of \$3,000 for cows and by adding \$3,500 the institution could purchase 100 head or more. Approved for \$3,500.....	3,500	3,500
30 NEW 500 H. P. WATER TUBE BOILER WITH STOKERS AND EQUIPMENT:			*10,500

JACKSONVILLE STATE HOSPITAL

1 NEW KITCHEN AND ENLARGING AMUSEMENT HALL:

Two years ago the same request was made. The estimate of the cost was made by the State architect at that time; the kitchen to cost \$25,000 and enlarging amusement hall \$10,000. This improvement also includes the extension of the food tunnel to the proposed new kitchen and the present laundry. The present kitchen is used to cook for 900 people, 800 patients and 100 employes. It is insufficient in size, is dark, has a low ceiling and is inconveniently arranged. It is too small to cook for such a large population. A modern kitchen should be built here and equipped. It is also recommended that the amusement hall be enlarged to provide an additional capacity for 200 people. The present accommodations including the gallery seats being only 400. The present hall is too small to accommodate the institution population, the number of patients having almost doubled since the hall was originally built in 1878. Rough plans have been prepared by the head carpenter showing the changes contemplated. Approved.....

35,000 35,000

2 COAL SHED:

The present coal shed is too small to store the coal received at the institution and it is necessary in certain seasons of the year to store coal outside of the sheds on the grounds without shelter in large quantities which results in a loss of heat units. An additional coal shed is also a protection to patients and employes during inclement weather. It is quite important, during severe winter weather, to have a surplus supply of coal on hand on account of the difficulty in securing freight cars and at different times on account of congestion in freight traffic. The head carpenter of the institution submits plans and an estimate of the cost. He estimates that the material will cost approximately \$4,800 and that \$1,200 will be required for the labor. Approved.....

6,000 6,000

*Supervising Engineer recommends \$10,500. (See his report.)

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked JACKSONVILLE STATE HOSPITAL—Continued	Asked by Recommended Managing by Fiscal Officer Supervisor
3	CRUSHED ROCK FOR DRIVEWAYS: For a number of years cinders have been used for the driveways. These roads are now worn out and it is necessary to renew them. It is thought that crushed rock will be durable and will greatly add to the appearance of the premises. The rock can be purchased from the Board of Prison Industries for the cost of the freight. The recommendation made two years ago is renewed. Approved.....	\$ 3,000 \$ 3,000
4	REPAVING SOUTH MAIN STREET: The managing officer states that the present pavement is worn out and that the City authorities are ready to have the necessary ordinance passed to pave the opposite side of the street when the State provides the necessary appropriation for its share of the improvement. The engineer of the City of Jacksonville has made up a detailed estimate of the material and work necessary. The distance to be paved has been measured by the institution engineer and the measurement practically agrees with that furnished by the City engineer. Approved, and the approximate cost of advertising has been added.....	8,936.81 8,950.00
5	BURIAL LOTS: In a communication from Honorable George W. Davis, Mayor of the City of Jacksonville, dated November 13, 1912, addressed to Doctor Carriel, managing officer of the Jacksonville State Hospital, he claims that burial lots in the Diamond Grove Cemetery have been used by the State to the value of \$1,480, and that in addition to this ground the City of Jacksonville has reserved land for the patient from the Jacksonville State Hospital to the value of \$1,012.50. The Commissioners of the City of Jacksonville are willing to settle these claims respectively for \$740 and \$1,000, making a total of \$1,740. The request seems to be reasonable and is approved.....	1,740 1,740
6	REWIRING BUILDINGS: The appropriation of \$10,000 made two years ago is not large enough to complete the work. The hospital electrician has estimated that it will require \$1,500 to complete it. Approved.....	1,500 1,500
	ANNA STATE HOSPITAL	
1	FARM COTTAGE: This building would accommodate 80 patients and also the farmer and the necessary farm helpers and gardeners. The advantage in having this building is that it provides increased accommodation for the insane and also a building where more substantial food can be prepared for the patients who do farm work. Considerable loss in time is now made by patients and employes coming and going to buildings which are a considerable distance from the farm. It is believed that a farm can be managed to better advantage if a building of this kind was provided for. The request is approved.....	60,000 60,000
2	EMPLOYES' QUARTERS: This is to accommodate nurses, attendants and night watches. The request is made so that nurses, attendants and night watches can be furnished quarters away from the wards where the patients are cared for. It is in line with the recommendation made by the charities commission and the board of administration. However, it is believed that with an appropriation of \$50,000 that one wing of the building can be erected. This was done at the Jacksonville State Hospital; therefore, \$50,000 is recommended for this purpose.....	100,000 50,000

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
3 TUBERCULOSIS HOSPITAL:	Tuberculous patients who are sick are now cared for in the hospital and others are quartered in the different wards of the institution. It is unjust to patients not afflicted with tuberculosis to be compelled to mingle with these patients and it is urgently requested that a building be provided. Approved for \$18,000 which is the same amount appropriated for the Elgin State Hospital. The building is to accommodate 40 patients.....		\$20,000 \$ 18,000
4 TUNNEL TO CONNECT ALL BUILDINGS:	All of the pipes are now buried in the earth from 4 to 8 feet. At one time these pipes were protected, but at present the insulation has rotted off and there is considerable loss in the efficiency of the heating plant; also employes are greatly inconvenienced in making repairs to the pipes. It is contemplated to construct 1,778 feet of tunnel, which is to be 7 feet high and 5 feet wide. A detailed estimate of the cost of this tunnel has been furnished by the chief engineer of the hospital. It will show the number of yards of concrete, excavating, underpinning, pipe covering and other material necessary. In my judgment, the improvement would greatly add to the efficiency of the heating system.....		27,600 *27,500
5 CEMENT WALKS:	This request is to build 4,855 lineal feet of cement walk along the roadway leading from the hospital to the city of Anna abutting the property of the State. The walk is to lead from the entrance of the hospital and connect with the stone sidewalk. It will provide a good walk from the hospital grounds to the city of Anna. The width of the walk contemplated is 6 feet. The managing officer states that there is to be 30,000 square feet in the walk. His estimate of the cost is 10 cents per square foot. It is believed that the walk can be constructed by institution labor for at least 8 cents a square foot and therefore an appropriation of \$2,400 is recommended for this purpose.....		3,000 2,400
6 COW BARN AND SILO:	This building is to accommodate 50 cows. The dairy herd has increased so that it is necessary to provide additional quarters for the cows. It is believed that \$6,000 will build a barn which will care for 50 cows; therefore, this amount is recommended.....		8,000 6,000
7 PURCHASE OF ADDITIONAL FARM LAND:	The institution now owns 420 acres of land. Of this acreage 250 acres are under cultivation. About 100 acres are in pasture and the balance is taken up by lawns, barns and orchards. The institution last year rented 70 acres of ground at an annual rental of \$250. This land was used to raise corn for ensilage and cow peas. Land in the vicinity of the hospital ordinarily sells for \$60 to \$75 per acre. No options have been taken on any of the land desired and it is impossible at this time to furnish an exact estimate of its cost. If the institution is to maintain its herd of 170 head of dairy cattle, then some provision must be made for additional land; however, as no definite proposition is made the request is disapproved.....		20,000
8 EXTENSION OF COAL SHEDS:	The managing officer suggests that an appropriation of \$5,000 be made for the extension of the coal sheds. At the present time on account of inadequate coal		
	*Supervising Engineer recommends \$27,500. (See his report.)		

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
ANNA STATE HOSPITAL—Continued			
	storage room the coal is unloaded on the ground and then shovelled into the coal house. During the winter months it is impossible to have a reserve supply of coal on hand and by unloading it outside the coal deteriorates and the loss in heat units is great; therefore, it is believed it would be economy to erect the addition.....	\$5,000	\$2,500.*
9 HORSES:	Many of the horses used by the institution are superannuated and unfit for work. It is recommended that these animals be sold and that young horses be furnished in their place. Four or five teams will be needed to replace these animals. Approved.....	2,000	2,000
10 IMPROVEMENT IN REFRIGERATING PLANT:			5,000*
WATERTOWN STATE HOSPITAL			
1 BUILDING FOR WOMEN EMPLOYES:	The present building now used for women employes only accommodates 34, the other employes being cared for in various parts of the different buildings. Many of the places are without bathing or toilet facilities. Greater efficiency can be attained in the working force by allowing them quarters outside of the different wards. It has been the policy of the Board to provide for employes' quarters as fast as the State can afford them, and, therefore, a building for this purpose is recommended. \$50,000 will erect a building large enough to relieve the crowded condition. If this building is provided, the old employes' quarters can be used in connection with the cold storage plant. The present cold storage plant is inadequate, there being no storage room for dried fruits, canned goods, flour, vegetables, and other perishable supplies. At the present time many of these articles are stored in unsuitable and inconvenient places in the basement of the main building. If this building is available for the cold storage department it will be possible to manufacture ice. At present it is purchased, although the institution has a machine which could be used in connection with the ice making apparatus. Another reason advanced for a separate store room for the articles enumerated is, that the odor from these various articles permeates the wards situated above in the main building. This request is not based upon an architects' estimate, but on the experience of the Board in erecting buildings of like character. The appropriation is strongly recommended.....	75,000	50,000
2 COTTAGE FOR MALE TUBERCULAR PATIENTS:	The managing officer states: "At present male tubercular patients are cared for at the male infirmary and it is necessary to isolate them to give them the care they should have." Tubercular patients should have special care and be quartered in separate buildings. My recommendation is not based on an architect's estimate, but upon the cost of a similar building at Elgin.....	25,000	18,000
3 EIGHTY ACRES OF FARM LAND:	The managing officer states that this is farm land which has been leased by the State for a number of years; that it is a reasonable price for land in the neighborhood. The price is \$275 per acre. From the fact that this land has been leased for \$480 per year it would appear that the price asked is excessive. The land is near the corporate limits of Watertown and is valuable for sub-dividing into lots, it being close to several industries located near Silvas and East Moline. The managing officer states the owner of the land east of this tract asked \$350 per acre for his land. The 80 acres of land is badly needed by the hospital for pasturing cows		

*Supervising Engineer recommends above amounts. (See his report.)

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	and raising farm products. It is conveniently located north of the hospital barns. It would be desirable to purchase this land, but in my judgment the price asked is excessively high. The request is approved with the understanding that the owner of the property make a more reasonable price. In the event the General Assembly deems it advisable to make the appropriation, and, after due consideration it is thought that the price asked is exorbitant, condemnation proceedings can be brought to secure a reasonable price and the balance of the appropriation can lapse into the State Treasury. Approved.....	\$22,000	\$22,000
4	WATER SUPPLY FROM THE RIVER: The managing officer states that an appropriation of \$9,500 was made by the last General Assembly for this purpose, but was inadequate; therefore, the additional request, making a total of \$25,000. This is for a pipe line to the river pumping station and filter plant; also stand pipe 100,000 gallons capacity. At present the available water supply is an artesian well, 1,400 feet deep. An average of 150,000 gallons of water is used daily with a storage capacity for only 60,000. The advantage in connecting with the river is to use the water for boilers and domestic purposes and by installing a filter plant the water can be used in case of accident to the deep well. This estimate is based upon a recommendation made by the engineer from the State water survey, who made a study of the conditions at this institution. The improvement would insure better fire protection and it would be possible to irrigate the lawns and also furnish softer water for laundry purposes.	15,500	31,500*
5	500 HORSE POWER BOILER: If this request is granted, it is proposed to take out of the boiler room two old 150 h. p. boilers and replace them with the 500 h. p. boiler. The present boilers have been in use about fifteen years, or since the institution was first opened. The present horse power is 925, but after the new buildings are added the boilers will be inadequate to heat the institution. With the boiler contemplated the horse power will be increased 1,125, which, the managing officer thinks, will be sufficient to furnish heat for the institution. The managing officer states that the estimate is based upon quotations received from boiler manufacturers. The quotation not only includes the boiler but installation as well. The Supervising Engineer recommends two 350 h. p. boilers.....	11,000	21,000*
6	CEMENT SMOKE STACK 175x8 FEET: If the new boiler is provided for it will be necessary either to purchase a new apparatus for induced draft, or to build a stack with capacity to take care of the additional horse power. The capacity of the present stack is only 425 h. p. The managing officer believes that power for induced draft is not economical and the arrangement is very unsatisfactory. The Supervising Engineer recommends 1,200 h. p. stack.....	4,500	5,500*
7	SANITARY DAIRY BARN: The managing officer states: "Our present quarters are old and insanitary and our herd is increasing making this necessary." The capacity of the barn now in use is for 32 cows. The building is of frame construction, wooden stalls, is poorly lighted, badly ventilated and insanitary. The dairy herd now is 87 cows and it is thought advisable to build a barn which will accommodate at least 100 cows as it will take that number of cows to supply the hospital with enough milk. Two years ago the General Assembly appropriated \$10,000 for a dairy barn at Bartonville and this request is based upon the cost of that barn. The request is approved	10,000	10,000

*Supervising Engineer recommends the above amounts. (See his report.)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
8	TOOL AND IMPLEMENT HOUSE: The wagon shed at the farm is not large enough to house the implements and the wagons. No up-to-date farmer allows his implements and wagons to be exposed to the elements of the weather; therefore, it is strongly recommended that the appropriation be made.....	\$1,500	\$1,500
9	TUNNEL CONNECTING ANNEX WITH ADMINISTRATION BUILDING: The proposed tunnel is for the purpose of conveying heat, light, water and food from the administration building to the Annex. About 500 patients are cared for in the Annex. All food is now carted outdoors from the main kitchen to the Annex and it is thought that if the food is taken through a heated tunnel it would arrive at the Annex in better condition and that it would be more convenient to the employes and patients during inclement weather. Conveying food outside from one building to another has been very unsatisfactory at all of our institutions and therefore a tunnel should be built; however, it is thought the request for \$2,500 is in excess of what it should be. Figuring the tunnel at \$6.50 per lineal foot, which is considered a maximum price, would make the cost approximately \$1,625 for a tunnel 250 feet in length. There are two or three sewers that will have to be changed and all of the work can be done for the sum of \$1,800; therefore, that amount is recommended.....	2,500	1,800
1	ADMINISTRATION BUILDING: \$100,000 is asked for this purpose. The managing officer states: "The need of this building is again emphasized. This two million dollar plant is without an adequate building for dispatching the business of the institution. The medical staff, clerical force, voluminous records, crowds of interested visitors and friends of patients, library and pharmacy, call for a building which should cost not less than \$100,000." This item is disapproved for the reason that the building should not be erected until proper accommodations have been provided for the patients in the different hospitals for the insane, many of which are in a crowded condition.....	100,000	
2	SUPERINTENDENT'S RESIDENCE: The managing officer states: "The sum of \$15,000 is asked for this purpose. The tendency of all institutions has been to provide the superintendent with a separate residence, and the sum of \$15,000 is not exorbitant. The temporary quarters occupied by the superintendent will become available for other officers and a corresponding saving will be thus effected." This request is also disapproved for the reason that the building is not a necessity. The quarters now occupied by the managing officer are in my judgement good enough to care for the superintendent and his family.....	15,000	
3	RECEIVING COTTAGE FOR MEN: The request for this item is \$35,000. The managing officer states. "Two years ago this building was denied by the legislature, although ample provisions were made for women. It is deemed absolutely essential that the male receiving service be provided for, as in the case of women." Although the managing officer states that this building was denied by the legislature, no reference is found bearing on it in his recommendations made two years ago, however, a building of this character would greatly improve the service at the hospital and an allowance of \$30,000 should be made. This recommendation is based upon appropriations made two years ago.....	35,000	30,000

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
4 GARDEN COLONY FOR 60 WORKING PATIENTS:	If an appropriation is made it is contemplated to erect this building in the valley one mile from the hospital. The managing officer states: "Our garden is situated in the valley, one mile from the institution. The lost effort in taking patients to and from their place of work, together with the fact that the large vegetable garden is exposed to poachers, renders it advisable to have a suitable building on the premises. In this manner a much larger number of patients can be employed at this very profitable occupation." In my report of two years ago it was recommended that \$30,000 be appropriated for this purpose. This was based upon an estimate furnished by the state architect. His estimate was \$28,000 for the building; adding \$2,000 for furnishing same would make \$30,000 which would be needed. Approved.	\$35,000	\$30,000
5 GARDEN COLONY FOR 60 ADULT WOMEN:	This is the same request that was made two years ago. In my report at that time the request was approved. The managing officer states: "The completion of the farm colony for men and the accumulation of a dairy herd, renders it advisable to provide a farm colony for adult women. It is believed that the detached colony system is as applicable to women as to men, and, for that reason, it is recommended that the above sum be granted." The recommendation is concurred in.....	30,000	30,000
6 AMUSEMENT HALL AND CHAPEL:	This is the only hospital for the care of the insane where an amusement hall or chapel has not been provided. A building should be erected which would contain both a chapel and an amusement hall. The State should provide a combination building for the purpose indicated by the managing officer.....	30,000	30,000
7 MORGUE AND LABORATORY:	This request is based upon the appropriation made for a similar building at the Elgin State Hospital. At present, bodies are cared for in one of the rooms of the horse barn. A more suitable place should be provided for this purpose. It is earnestly recommended that the request be granted.....	9,000	9,000
8 FOR THE REPAIR OF OLD FARMHOUSES:	This request is made to repair the old farmhouses at farm colony No. 1 and farm colony No. 2. The buildings are in a dilapidated condition and the repairs are needed. It is intended to use these buildings for employees' quarters after the new buildings are erected at the farm and these repairs are needed to place them in suitable condition. Bath and modern toilet facilities should be provided. The managing officer's request is inadequate to make the necessary repairs. At least \$1,000 will be needed for each farmhouse and it is therefore recommended that this sum be appropriated.....	1,000	2,000
9 INSTALLATION OF ELECTRIC IRONS:	In my report of two years ago, under the heading of extraordinary improvements \$1,000 was recommended to be appropriated for this purpose, but the appropriations for extraordinary improvements were entirely exhausted in building the new tunnel and remodeling the heating system. Ironing is done with an ordinary stove heated flatiron. To remove many sources of danger and annoyance it is recommended that electric irons be installed. The recommendation made two years ago is renewed..	1,000	1,000
10 PAINT SHOP:	On account of inflammable material being stored in the paint shop it is necessary to have this department in a separate building. The present building is an old		

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	PEORIA STATE HOSPITAL—Continued.		
	shack situated west of the store building and is an eyesore to the hospital. It should be torn down and a modern structure erected. \$2,000 will erect a suitable building and that amount is recommended.....	\$ 2,500	\$ 2,000
11	120 ACRES OF ADJOINING FARM LAND:		
	The owner of the land states that the farm has \$5,000 worth of improvements consisting of an eight-room house in excellent repair; three good cisterns; two good wells and a number of fruit trees. The house is heated by a furnace and is in good repair. There is a barn with a capacity of ten head of horses, a cow barn for twenty-six head of cows and a hay shed which will hold from forty to fifty tons of hay. It also has a corn crib. There is a stream of running water through the farm. The farm is located directly north of farm colony No. 1 and northwest of farm colony No. 2. In case the hospital desires to keep a large herd of dairy cattle the farm land would be needed for pasture and for raising stock feed. The price per acre is approximately \$138 without any mineral rights. All of the land is tillable except about twenty acres. It is believed that the price asked for this land is reasonable and that the state will never again be able to secure it at this figure; therefore, it is recommended that the General Assembly give this matter careful consideration. Approved.....	17,000	17,000
12	REPAIR OF SEPTIC TANK:		
	The managing officer's recommendation is: "The sewage of this institution pours into a septic tank at the valley farm. This tank is 10 years old and out of repair. For its restoration and enlargement the above sum is recommended." Approved.....	1,000	1,000
13	DRAFT HORSES:		
	This request is for six horses and as the institution horses are becoming antiquated each year it is thought that the recommendation is reasonable and that the request should be granted. Approved.....	1,500	1,500
14	X-RAY MACHINE AND EQUIPMENT:		
	The recommendation made for this item is: "The X-Ray is to-day considered one of the most important instruments of precision for scientific diagnosis and treatment and no up-to-date hospital should be without one." Approved.....	1,500	1,500
15	STERILIZING OUTFIT:		
	A sterilizer is needed in every public institution caring for the wards of the state and therefore the recommendation is approved. The managing officer advises: "One of the most important adjuncts for the proper carrying out of modern surgical methods and sanitation is a sterilizer. A complete outfit is recommended".....	1,500	1,500
16	NEW FLOOR FOR IRONING ROOM:		
	It would be proper to pay for this improvement from the appropriation for ordinary repairs and improvements; therefore, the request is disapproved.....	2,500	
17	FOUR 350 HORSE POWER BOILERS AND EQUIPMENT:		
	For several years the heating facilities have been inadequate. During the past year the board of administration has expended considerable money to convert the old hot water system into a vacuum steam system. It is important that the institution have enough boiler capacity to comfortably heat the buildings.....	35,000	*35,000
18	TWO NEW STOKERS FOR GEARY BOILERS:		
	*Supervising Engineer recommends the above amounts. (See his report.)		*3,500

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
19 SMOKE STACK:	The supervising engineer advises that to insure efficiency this improvement must be made.....	\$5,000	\$*6,000
20 BREECHING AND ASH HANDLING MACHINERY:			*5,500
21 ICE MACHINE:	This is the same amount that was recommended two years ago, in the request for the appropriation for extraordinary improvements, but the improvements were not made for the reason that the appropriation was exhausted in constructing the tunnel system and remodeling the heating plant.....	7,500	*7,500
22 ELECTRICAL EXTENSION:	The supervising engineer had advised that this improvement be made. The managing officer states: "The new tunnel system calls for complete readjustment of the underground electrical system, and the above sum is deemed absolutely necessary.....	2,500	*2,000
23 ASBESTOS COVERING FOR STEAM PIPES:	In order to increase the efficiency of the steam heating plant a pipe covering should be provided. Supervising engineer has added steam headers and piping to this item	3,000	*5,000
24 FOR METAL WORK, GUTTERING AND SPOUTS:	The managing officer states: "The porches and gutters of nearly all of the buildings of this institution are tin. After 14 years, many of them are showing evidence of decay and all are deteriorating. Either the sum of \$3,000 should be voted for their repair, or the sum of \$10,000 voted for the same for several years, until they are replaced with copper." On account of the fluctuating market on copper no intelligent estimate can be made on this item and therefore an appropriation of a lump sum is recommended.....	3,000	3,000
25 FENCING:	Two years ago the General Assembly appropriated \$500 for fencing. This appropriation was used to fence farm colony No. 2, but farm colony No. 1 was not provided for. It is believed that \$500 will be sufficient to build the necessary fencing. The institution has recently erected a dairy barn and the Board has transferred from the other institutions 75 head of heifers and is contemplating the purchase of 100 head of cows, therefore, the request should be granted. Approved.....	1,000	500
26 FOR IMPROVING LAUNDRY:	This request is for one washing machine \$600; one wringer \$300; one mangle \$1,600; dry house extended \$700. It is urgently recommended that an appropriation be made to improve the laundry service. Modern machinery and increased capacity will greatly add to the comfort of the patients by providing cleaner clothes.	3,200	3,200
27 POULTRY HOUSES:	The managing officer's recommendation for this is: "The experiment of having patients raise and care for poultry has been a decided success, even with the crude shelter at hand. In order to place this industry upon a more substantial basis, the expenditure of the above amount is recommended." While the experiment has been a success and the institution management deserves considerable credit		

*Supervising Engineer recommends the above amounts. (See his report.)

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
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PEORIA STATE HOSPITAL—Continued

for its activities, nevertheless expenditures of this character should be made from the appropriation for ordinary repairs and improvements. The recommendation for that purpose is sufficiently large to take care of this item; therefore, this request is disapproved.....

\$1,000

28 ELECTRIC LIGHT, POWER AND WATERWORKS:

Farm Colony.....

*70,000

CHESTER STATE HOSPITAL, MENARD

1 SILO AND EQUIPMENT:

On account of high price of stock feed it would be economy to erect a silo for the 28 cows cared for at this institution. Approved.....

500 500

2 Two BOILERS AND EQUIPMENT:

*5,500

CHICAGO STATE HOSPITAL, DUNNING

1 HEAT, LIGHT, POWER AND COLD STORAGE PLANT:

The managing officer's estimate of the cost is: 1400 horse power new boilers with stokers, ash pits, breeching, and setting, \$33,750; two outside center pack boiler pumps, \$1,200; two heaters, one for feed water heater and one for domestic hot water, with breeching and steam piping, \$5,000; one generator 250 k. w., one 150 k. w., one 100 k. w., with engines complete including freight and erecting, \$18,850; one 10-panel switchboard, \$3,300; piping, valves, coverings, etc., \$8,000; ice machine, \$12,000; tunnels, \$20,000; rewiring, \$2,500; inside heating, \$28,828; building, \$50,000; total, \$183,428.....

183,428 *225,000

2 KITCHEN AND BAKE SHOP:

In my judgement this improvement is desirable, but at this time it should not be made for the reason that the money is more needed to properly house the insane cared for in the old poorhouse building and to relieve the crowded condition on the different wards of the institution. The building should be erected, but at the present time, for the reasons stated, the request is disapproved.....

65,000

3 RECEIVING SERVICE BUILDING:

The present building, occupied by the administrative officers and the medical staff is an old building which is too small and totally unfit for this service. Chicago should have a modern up-to-date state hospital for the insane, and, unless a suitable building is provided with up-to-date apparatus to scientifically treat the insane, the work will have to continue as it is conducted at the present time. On account of the large number of insane cared for at the hospital, the thousands of visitors who weekly visit them, and the opportunity of educating the medical profession of Cook County in the treatment of the insane, it is important that the building be provided so that the institution will be brought up to the standard of other hospitals for insane. The request is based upon an estimate and plans furnished by the state architect.....

275,000 275,000

4 BUILDING FOR TUBERCULAR PATIENTS:

The managing officer's recommendation is: "States, counties, cities and various charitable organizations are united in fighting tuberculosis which is a preventable disease. Millions of dollars are spent annually in this cause. At the present time in this hospital there are not adequate facilities for caring for tubercular patients; and without question they are a source of danger to the general health of the hospital. We do not have adequate facilities for isolating those in the second or third stage,

*Supervising Engineer recommends the above amounts. (See his report.)

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	and are utilizing two wards in the hospital building for this purpose, but this arrangement is not at all satisfactory. During the two years there were 85 deaths from tuberculosis. Without question these 85 patients before they died were the means of infecting other patients. The necessity of providing suitable buildings for patients who are suffering from tuberculosis is obvious. Two buildings with a capacity of 40 beds each, one for male and one for female patients are required. For this purpose I would recommend an appropriation of \$38,000 in accordance with the appended plans and estimates of Mr. Zimmerman, the state architect." The above recommendation is fully concurred in and the request is approved..	\$ 38,000	\$ 38,000
5	COTTAGES TO REPLACE INFIRMARY WARDS: For the sake of humanity the patients confined in the old poorhouse building should either be removed to other state hospitals or the buildings asked for should be provided. The estimate is based upon the cost of two buildings provided for by the last General Assembly, which was \$110,000 for new buildings and wrecking old almshouse and tubercular building. The old appropriation was made to cover wrecking of the old almshouse and the tubercular building; therefore, the request should be reduced \$15,000. This would provide \$50,000 each for three buildings. Approved for \$150,000.....	165,000	150,000
6	NURSES HOME: It has been the policy of the board of administration to approve of the building of nurses homes at state hospitals, for the reason that better service is obtained from the employes by quartering them outside of the wards. The managing officer's estimate is based upon caring for 250 employes and upon estimates and plans furnished by the state architect. At the Jacksonville State Hospital a similar building cost \$90,000. It is believed that this size building will be large enough. Approved for \$90,000.....	160,000	90,000
7	LAUNDRY MACHINE: The laundry is in a deplorable condition and the equipment should be renewed throughout; however some of the machinery might be used for a while longer. The laundry has been inspected by a laundry expert and his estimate of the equipment required is as follows: One six-roll mangle, motor driven, \$2,705; one forty-eight, motor driven extractor, \$940; ten washing machines 37x54 solid head, motor driven with panel control, \$6,680; one 40x60 drying tumbler, \$805; one metal four-opening dry room, with fans, motor driven, \$510; one mist damper, \$50; two 30-inch body iron, motor driven, \$500; one combined ironer, motor driven, \$285; one Shaw shaper, \$30; one hotel tube shaper, \$20; one seam damper, \$10; eight washroom truck tubes, \$104; one 50-gallon all copper starch cooker, \$60; one 24-inch starch extractor, motor driven, \$200; one Korkoe shirt starcher, motor driven, \$105; four two-compartment stationery tub, \$160; one shaping table, \$200; twenty tables, \$260; fifty electric irons, \$300; repairing present drying room, \$250; two fans, \$160; one hospital mangle, 66 inch, \$335; total, \$14,669. Inasmuch as clean wearing apparel, bedding and linen adds greatly to the comfort of the patients it is quite important to have an up-to-date laundry; therefore, the request is approved....	15,000	15,000
8	FLOORS, CEILINGS, LOCKS AND FIRE ESCAPES: Detailed estimates have been furnished me showing the quantity of material and the labor required for the work in each building. Inasmuch as these old buildings have to be used for the care of the insane they should be repaired at the earliest possible moment. They are now in a very bad condition and to make them sanitary and more comfortable they should be repaired. The request is approved.....	22,000	22,000

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
CHICAGO STATE HOSPITAL, DUNNING—Continued			
9 PLUMBING:	The plumbing in several of the cottages is in very bad condition. It is old style and it is almost impossible to keep the toilet and bath rooms in a sanitary condition. In one of these buildings the lavatory and dish washing apparatus is in the same room. In some of these cottages the stench from the urine is very offensive. The estimate making up the amount required for this purpose has been prepared by the officials of the hospital and has been furnished me in detail. The request should be granted. Approved.....	\$ 4,000	\$ 4,000
.....			
10 ROOT CELLAR:	In the winter the institution is compelled to bury its vegetables in pits. The farm is very productive and a great amount of these vegetables is wasted each year for the reason that there is no suitable place to store them. From an economical standpoint the appropriation should be made. Approved.....	2,000	2,000
.....			
11 AMUSEMENT HALL:	A modern amusement hall of proper size would add greatly to the pleasure of the patients, officers and employes of the institution, and the old amusement hall could be used advantageously for the industrial department, but in view of the very large appropriations that will be required to rehabilitate the institution it is believed that no harm will be done by postponing this improvement. Disapproved	35,000	
.....			
12 FURNITURE:	In my judgment the additional furniture will add greatly to the comfort of the patients who are confined to the various wards and buildings of the institution. A detailed estimate of the furniture required has been filed with me. In order to bring the institution up to the standard of our other state institutions, the furniture should be provided. These buildings and wards have been visited by me. The managing officer's recommendations are concurred in.....	12,000	12,000
.....			
13 PAINTING:	A detailed estimate showing the number of squares of painting and the cost of same for the outside and inside work of the various buildings has been furnished. This work is of such a character that it should be done by contract. Only one painter is employed by the institution and it would be impossible for him to do the work. If it is desired to add to the appearance of the interior and exterior of the buildings, the request should be granted. Approved.....	12,000	12,000
.....			
14 GREENHOUSE:	In my opinion the present greenhouse can be used, without great inconvenience, during the next biennial period. Disapproved.....	6,000	
.....			
15 FENCES:	The request is for \$7,788.25. If it is desired to maintain strict accountability for movable property belonging to the hospital, to prevent trespassing and to handle the large number of visitors each Sunday, it is necessary to have fences around the buildings and farm. The request seems to be high. It is proposed to build an ornamental iron fence similar to the one along the south front of the institution grounds. While an ornamental fence is very attractive it is not a necessity. A wire fence would answer the purpose for some time to come. The cost of a fence 72 inches high, barbed wire top and rail, making a height of 86 inches, end posts 2½ inch tubular steel, intermediate posts 2-inch tubular steel, and rail and extra braces		

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	of 1 $\frac{3}{8}$ inch tubular steel, is as follows: From northeast corner to rear of cottages 1,161 feet at 22 cents per foot, \$255.42; from rear of cottages round farm 9,168 feet, at 22 cents per foot, \$2,016.96. With \$2,300 the hospital would be able to build the necessary fence.....	\$7,788.25	\$ 2,300
LINCOLN STATE SCHOOL AND COLONY			
1 ROOFING BOILER HOUSE:	Two years ago the General Assembly made appropriations to extend and repair the coal sheds and for renewing the boiler system. These appropriations were inadequate to construct a slate roof on the steel superstructure. A temporary roof was built of wood. The roof contemplated is to be built at such a height and with such a strength as to permit the installation of a coal conveyor and it would greatly lessen the danger from fire. The estimate of the cost was made by a firm manufacturing and constructing bridges. Approved.....	2,500	2,500
2 COAL CONVEYOR:	In order to complete the power plant in all its details a coal conveyor is needed. The improvement as a labor saving device is greatly desired.....	2,500	*15,000
3 GUTTERING AND CORNicing MAIN BUILDING:	The guttering and cornicing of the main building are badly in need of repairs and it is considered economy to replace them with copper to prevent deterioration in ceiling and walls. The tinner estimates that it will require the amount asked to make the repairs. Approved.....	5,000	5,000
4 TILE FLOORS:	This request is for the purpose of tiling floors in the dining room and scullery of the boys and girls cottages and entrance to the main building. The present floors are worn out and should be renewed with some material that has lasting qualities. The tile floor in the entrance to the main building is in such a bad state that it is necessary to prop it up from the basement. The estimate of the cost was made by a contracting firm who has constructed a number of similar floors in the institution. Approved.....	6,000	6,000
5 THREE COTTAGES FOR BOYS:	The managing officer states that these buildings are necessary to relieve the present congested condition of the institution and to accommodate children from various parts of the State who are awaiting admission. Each building is to accommodate 150 boys and is to cost \$25,000. The estimate is based upon the cost of similar buildings at the St. Charles School for Boys. Plans for same have been furnished by the State architect. It is believed that two cottages will greatly relieve the crowded condition of the institution and therefore it is recommended that \$50,000 be appropriated. Approved for \$50,000.....	75,000	50,000
6 SANITARY DAIRY BARN:	The estimate for the dairy barn is based on the cost of a similar structure now being erected at the Peoria State Hospital, the appropriation for that barn being provided by the last General Assembly. The present barn at this institution is of wood construction and was built temporarily to replace a barn destroyed by lightning. It was cheaply constructed and from a sanitary standpoint is in bad condition. The building leans considerably and it is dangerous to load the loft with hay or straw. It is almost impossible to keep the floors and the stalls of the barn in a		
	*Supervising Engineer recommends \$15,000. (See his report.)		

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
LINCOLN STATE SCHOOL AND COLONY—Continued			
	hygienic condition. The inmates employed in milking are careless and it is quite important to have a sanitary barn in order to lessen the danger of dust and disease germs blowing into the milk pails used by the boys. The barn should be replaced with a modern structure. Approved.....	10,000	10,000
7	EQUIPMENT AND FURNISHINGS FOR SOUTH HOSPITAL: Two years ago the General Assembly provided for the erection of this hospital but did not provide for the equipment or furnishings. The managing officer estimates that it will take the amount asked to furnish the building and to supply cooking utensils, instruments for the operating room, and equipment for the laboratory and suitable furniture and apparatus for the morgue. This request seems to be reasonable and is approved.....	8,000	8,000
8	COTTAGE FOR TUBERCULAR INMATES: The managing officer states that tuberculosis is a prime factor in the production of the defective class of which the feeble minded are the principle ones affected. He also states that the institution has evidence of contagion from time to time but not proper facilities for isolation. It has been the policy of the board to recommend separate buildings for tubercular patients and the request is approved for \$18,000 which is the cost of a similar building at the Elgin State Hospital.....	20,000	18,000
ILLINOIS SCHOOL FOR THE DEAF, JACKSONVILLE			
1	VEGETABLE CELLAR: A vegetable cellar should be provided to properly store the vegetables so they will not deteriorate. The managing officer desires to erect a vegetable cellar approximately the same size as the one at Jacksonville State Hospital. It seems to me that it would be economy to provide such a building, but it is believed that it can be built for \$2,000. Approved.....	3,000	2,000
2	IRON FENCE: Two years ago a request for \$10,000 was made for this purpose. In my report this request was disapproved for the reason that the fence was not a necessity. The recommendation made at that time is renewed. Disapproved.....	7,000	
3	PAINT SHOP AND OIL ROOM: The present paint shop and oil room is in the industrial building. The danger from fire is great on account of the location of these two rooms, but it is thought that some place outside of this building can be found away from the buildings which can be used for these purposes. The frame building just west of the industrial building could be remodeled at a small expenditure. It is believed that this improvement should be made from the ordinary repair and improvement fund. Disapproved...	4,000	
4	EMPLOYES' HOME: This building is to be used by employes who are occupying rooms over the bakery, tower building and shop buildings. At this time the institution can get along without the building and it is not a necessity; therefore, the request is disapproved....	20,000	
5	RECONSTRUCTION OF THE GYMNASIUM AND BOYS COTTAGE: This request is made for the reason that the managing officer desires to separate some of the younger boys from the older boys. He claims it would have a good influence over the small boys and that better discipline could be maintained. The present gymnasium building is not used except in bad weather. Approved....	6,000	6,000

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
6	IMPROVEMENT OF WATER SUPPLY PLANT: The managing officer states that commencing about 3 or 4 miles west of the institution is a tile that has been laid in the brook with lateral feeders which comes within $\frac{1}{2}$ or $\frac{3}{4}$ of a mile of the institution pumping station. He also states that with this expenditure the institution would be supplied with clear water for all purposes except for drinking. The water problem at Jacksonville is one that should be given careful consideration by an expert before additional expenditures are made.		\$2,000 \$*7,500
7	NEW RESERVOIR:		*7,500
	ILLINOIS SCHOOL FOR THE BLIND, JACKSONVILLE		
1	SLATE ROOF: The roof of the main building leaks and is in very bad shape. Repairs were contemplated on this roof during the past year, but the appropriation for ordinary repairs and improvements was not large enough to keep up the ordinary repairs and do this work. 100 square yards of slate roof is needed. The appropriation should be made. Approved.....		1,200 1,200
2	STOREHOUSE BUILDING AND COLD STORAGE: At the present time there are three storerooms at the school. The groceries are stored in a room located next to the kitchen and dry goods are stored in rooms in the main building and over the laundry. There is no place where it would be possible to assemble all of these supplies where they might be issued from one place. There is no suitable place to store dried fruits and milk. The request is made, in my judgment, is not large enough to build the storehouse contemplated and equip same with a cold storage plant. Adding approximate cost of refrigerating plant erected at Geneva, \$2,234.16 to the request, would give the amount required for this purpose.....		4,000 6,500
3	BRICK CHIMNEY: The present brick chimney is cracked in several places and is braced with iron bands. The institution engineer states that the present chimney has not large enough capacity for the boilers, it being only 350 h. p., while it should be 500 h. p...		3,000 *5,500
4	FREE CIRCULATING LIBRARY: Two years ago the appropriation for this purpose was \$1,000, but since that time a librarian has been employed at a salary of \$300 per annum. This left only a balance of \$200 per annum for books, which is inadequate. The library on an average circulates 15 volumes daily, the books being sent through the mails free as provided by a special act of Congress. In addition to the librarian's salary \$1,000 should be allowed for books. Approved.....		1,600 1,600
5	NEW WIND CHEST, NEW ACTION AND ELECTRIC MOTIVE POWER FOR PIPE ORGAN: At the present time the organ is pumped by the pupils of the school who are paid 5 cents an hour. With this expenditure of money the pipe organ can be made modern. Music is an important factor in all schools for the blind and institutions of this kind should have modern apparatus, which will add to their pleasure. Approved.....		1,400 1,400
6	TEXT BOOKS AND APPARATUS: At the annual meeting of the superintendents of the state institutions reference was made to the fact that the school had not been supplied with modern text books		

*Supervising Engineer recommends the above amounts. (See his report.)

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	ILLINOIS SCHOOL FOR THE BLIND, JACKSONVILLE—Continued		
	for the education of blind children. The managing officer estimates that it will require \$1,000 per annum to purchase text books and other classroom apparatus needed in the school. Approved.....	\$2,000	\$2,000
	ILLINOIS INDUSTRIAL HOME FOR THE BLIND, CHICAGO		
1 NEW GAS RANGES:	All of the cooking for the inmates is done by gas. The present gas range was installed in the home ten years ago. It has been repeatedly repaired and is in such a condition that the managing officer advises it is used under great disadvantage. He estimates the cost of a new range at \$1,000. It is important that an improvement be made. The request is approved.....	1,000	1,000
2 STORE AND LINEN Room:	At the present time the supplies of the institution are stored in a small room on the first floor, in the basement and in several parts of the building. The basement is an undesirable place for grocery supplies and on account of the supplies being in several different places it is almost impossible to maintain strict accountability. The space now used for the supplies on the first floor could be used to accommodate additional inmates who have made application to become members of the home. The managing officer's request is based upon information taken from building permits granted by the city of Chicago for buildings of like character and size. The request is approved.....	2,500	2,500
3 WATER SUPPLY PIPES AND PUMP:	The managing officer states: "That the present supply of water pressure is totally inadequate for the requirements of the home and factory. During the working hours no water can be obtained above the second story in either the home or factory. The request is approved.....	250	250
4 NEW TOILET FIXTURES, PLUMBING AND TERRAZZO FLOORS:	This request is made to change the toilet and plumbing fixtures and put in terrazzo floors in five bath rooms throughout the building. The present plumbing, fixtures and floors, are inadequate. They were put in several years ago and are not modern. Approved.....	2,000	2,000
5 NEW WAREHOUSE:	The managing officer's report on this appropriation states: "The present broom factory was built in 1895. When it was erected the building was sufficient for all requirements. As time advanced the business expanded. We are compelled at the present to store a good portion of broom corn in the basement. When there is a great rain storm the water backs up 12 and 18 inches and the result is a considerable damage to broom corn. The first floor of the factory is used as a warehouse to store the finished product. The storage capacity of this floor is 3,000 dozen house brooms. At times we are compelled to pack 6,000 dozen on this floor; as a consequence, a great many brooms are drawn out of shape for the want of sufficient storage room to pack them properly; also, when broom corn is cheap, we will be able to take advantage of market conditions and store a hundred extra tons of raw material." The managing officer's estimate is based on his own judgment as to what a building 30x40 feet without plumbing and heating should cost. It is a desirable improvement to make and the request is approved.....	10,000	10,000
6 WORKING CAPITAL FUND:	The appropriations, two years ago, amounted to \$25,500. Of this amount \$10,500 was an emergency appropriation and the balance \$15,000 was for the years		

II. Extraordinary Appropriations

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	1911 and 1912. The emergency appropriation was made to pay the outmates in order to run the factory. The fund for that purpose being turned into the State Treasury at the time the Board of Administration assumed control. The present request of \$10,000 per annum covers \$7,500 for outmates per annum, and \$2,500 for inmates per annum. This is necessary to keep the factory going all year round. If the new storeroom is provided the factory product can be stored until it can be disposed of on the market. It is important to purchase large quantities of broom corn when market conditions are favorable. Approved.....		\$20,000 \$20,000
ILLINOIS SOLDIERS' AND SAILORS' HOME, QUINCY			
1 PAINTING:	Request is made for \$8,000. The recommendation made for the ordinary repair and improvement fund covers painting, both exterior and interior. Disapproved.		8,000
2 IMPROVEMENT OF CEMETERY:			
	This is the same amount that was appropriated two years ago. There still remains \$3,900 of the old fund unexpended which the managing officer thinks is inadequate to make the necessary improvements. With the amount requested it is believed that the cemetery can be placed in good condition. The fund is needed for building roads, fixing up graves, fences, etc. At the present time 2,028 members of the home are buried in the cemetery. The General Assembly should enact legislation so that the cemetery can be transferred to the United States Government and be maintained by it. Approved	4,000	4,000
3 Two WATER TUBE STEAM BOILERS:	If the Board desires to discontinue the use of the two boilers used for heating the superintendent's residence and the greenhouses and to discontinue the employment of two firemen and hauling of coal, then this improvement should be made..	15,000	*20,000
4 COAL BUNKERS AND ASH CONVEYORS:		5,000	*
5 REINFORCED CONCRETE ON TOP OF TUNNEL:			
	This improvement should be made, but it is unnecessary to provide a special appropriation. The appropriation for ordinary care and improvement of grounds is sufficiently large to add reinforced concrete on the top of the tunnel as it is needed. Disapproved.....	3,414	
6 CEMENT WALKS IN LIEU OF OLD BRICK WALKS:	There still remains in the old appropriation for ordinary care and improvement of grounds an unexpended balance of \$3,700.06 which could have been used to renew the walks of this institution. It is believed that no special appropriation is needed for this purpose. Disapproved.....	4,500	
7 EXTENSION OF REFRIGERATING PLANT:			
	Two years ago the General Assembly appropriated \$1,200 for this purpose as recommended by the managing officer. Since that time the managing officer has concluded that this appropriation is too small to make the desired improvements. Now he desires to purchase a new compressor, new ice tanks and to chill three extra rooms. With the amount asked it is proposed to install a duplicate machine so that one of the machines can be closed down for repairs while the other is in operation. In my opinion this is unnecessary. None of the other institutions are supplied with duplicate machines. The chief engineer is of the opinion that with an appropriation of \$3,100 the three additional rooms can be properly equipped with pipes to refrigerate them. Approved.....	10,000	3,100

*Supervising Engineer recommends the above amounts. (See his report.)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked ILLINOIS SOLDIERS' AND SAILORS' HOME, QUINCY—Continued	Asked by Managing Officer	Recommended by Fiscal Supervisor
8	NEW ROOF ON HEADQUARTERS BUILDING: The roof on the headquarters building has not been renewed since the erection of the building in 1887 and is continually out of repair. Seventy-seven squares at \$15.00 per square would make a total of \$1,155. It is estimated by the Chief Engineer that it will require \$225 to repair the side walls. This will make a total of \$1,380 needed for this purpose. This amount is approved.		\$ 2,500 \$ 1,380
9	HOSPITAL BUILDING FOR CONTAGIOUS DISEASES AND ISOLATION OF PATIENTS: Two years ago the home asked for an appropriation to build a special hospital for nervous and feeble soldiers. The request was practically for the same purpose as this one. At that time an appropriation of \$60,000 was approved. My recommendation was as follows: "The high average age of all of the inmates of this home brings a constantly increasing number of cases of senile dementia. There are no facilities whatever for caring for them in a proper manner in the present hospital building, and it becomes necessary in each case to transfer them to one of the state hospitals for the insane. The committee of the Grand Army of the Republic have from time to time visited the various hospitals for the insane and have always objected to this procedure, expressing the belief that they should be housed and cared for at the soldiers' home. A prudent economic system would warrant the erection of a building suitable for the care of these cases while they are cared for at the home. The general government contributes \$100 per capita annually to their support, if they are cared for at the soldiers' home, but if they are cared for at one of the hospitals for the insane, the entire burden falls upon the state, by reason of a special act of the legislature which makes them a charge upon the state at large, rather than upon counties or individuals, for their clothing and incidental expenses. If such a building could be provided, it would add to the efficiency of the home." Approved for \$60,000.		65,000 60,000
10	GATE LODGE AT 12TH STREET ENTRANCE: The same request was made two years ago and was disapproved, for the reason that the building was not a necessity. It is disapproved at this time.		3,500
11	TOOL AND STOCK HOUSE: This is based upon an estimate made by the Chief Engineer of the home. Plans have already been prepared for this building. It was intended to erect same out of the appropriation for ordinary repairs and improvements, but that appropriation was not large enough. The managing officer is of the opinion that mechanical supplies could be more safely stored in a building where the issues could all be made from one place. In order to have strict accountability for property this arrangement is advisable. Approved.		-5,000 5,000
12	CHURCH BUILDING: The room in the basement of the headquarters building, now used by the Catholic church for holding services is an unsuitable place for that purpose. There is seating capacity for approximately 125 people. The room is poorly lighted and badly ventilated. It is a dark dismal place and the surroundings are not inviting to the members of the church. The priest in charge strongly recommends that a separate building be provided. The Protestant services at the present time are held in the auditorium of the Lippincott Hall, with an attendance of approximately 200 to 300, which is in the second story of the building. The pastor of the church states that owing to the infirmities of old age the members of the home can hardly climb the stairway leading to the hall and that oftentimes it is necessary to shorten the services on account of entertainments. Both the priest of		

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	the Catholic church and the pastor of the Protestant church recommend the erection of a building in a place on the side of a hill so that there will be a grade entrance and it will not be necessary for the members of the home to climb a stairway. Both agree that one church should be built which would provide for a hall downstairs and one upstairs each to be used by the different denominations. Owing to the advanced age of the members of the home, and the fact that many of them are in the evening of their life, their religion is becoming more pronounced and the need for a suitable building is obvious. In the event that the home buildings are ever used for an institution of a different character the church building would still be needed. Approved.....	\$25,000	\$25,000

13 BRICK AND STONE ICE HOUSE:

The building contemplated is to be erected at the foot of the lower pond. In my judgment this building is unnecessary and the request is therefore disapproved.

8,000

14 FENCE:

The managing officer makes request for \$2,500 for 10,250 feet of fence, 6 feet high, including metal posts. In my judgment this fence can be purchased for 22 cents per lineal foot; therefore, the request is approved for \$2,300.....

2,500 2,300

**THE SOLDIERS' WIDOWS' HOME OF ILLINOIS,
WILMINGTON**

1 NEW BOILERS AND BOILER HOUSE:

The managing officer states that this estimate was furnished her by the supervising engineer; that this item includes new high pressure boilers which are to heat the entire institution and a suitable boiler house. The present boiler house is too small to accommodate the additional boilers required and is unsuitable for the service. There still remains \$3,950 in the appropriation made two years ago.....

15,000 *15,000.

2 HORSE BARN:

At the present time there is no suitable place to store supplies received at the home. All supplies of every kind are stored in the basement. In certain seasons of the year it is not a suitable place to store merchandise. It is suggested that the present brick barn be converted into a storehouse and that a new frame barn be constructed to care for the horses. The request is approved.....

1,000 1,000

**THE ILLINOIS SOLDIERS' ORPHANS' HOME,
NORMAL**

1 CONCRETE FLOORS IN DISH WASH ROOM AND KITCHEN:

This estimate is based upon estimates received by the managing officer from contractors. It is a desirable improvement and should be made. Approved...

1,800 1,800

2 REBUILDING GREENHOUSE:

The old greenhouse is in a dilapidated condition and unless repairs are soon made it will fall down. The managing officer's estimate is based upon repairs made to the greenhouse a number of years ago which cost approximately the same amount. Approved.....

2,000 2,000

3 REPAIRS ON BARNs AND TOOL HOUSES:

This request is disapproved for the reason that a recommendation is made herein for a new barn.....

500

*Supervising Engineer recommends \$15,000. (See his report.)

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
	THE ILLINOIS SOLDIERS' ORPHANS' HOME, NORMAL —Continued		
4	ADDITIONAL APPROPRIATION TO BUILD A NEW COAL SHED: The appropriation made two years ago of \$695 for this purpose was inadequate to erect a building on plans and specifications furnished by the state architect; therefore, the board ordered that the old coal shed be repaired so that it could be used during this winter. The repairs that have been made have placed the building in good condition. It is believed it will answer the purpose during the next two years; therefore, this request is disapproved.....		\$1,000
5	MAIN WATER PIPE FROM PUMPING STATION TO CISTERNS: A distance of 4,120 feet and installing same. The managing officer states that this request was made by the supervising engineer.....	2,000	**\$2,000
6	FOR A NEW PUMP: This request is for a steam pump for use in the pump house of the institution. Sometime ago the board of administration purchased electrically driven pumps for pumping the water to the buildings, but so far these have been unsatisfactory, owing, as it is claimed by the supervising engineer, to the size of the water mains leading up to the institution buildings. The supervising engineer also recommends a new well.....	500	*\$4,000
7	REPLACING OLD STEAM AND WATER PIPES: The managing officer states that the old steam and water pipes connecting the buildings with the power plant are in an unfit condition for use; that they are rusted and worn out.....	2,500	*\$4,000
8	NEW BARN: The old barn and sheds now in use at the institution are in a dilapidated condition and a new barn is needed. It is believed that a suitable barn can be constructed for this amount; therefore, the appropriation is recommended. In case it is the judgment of the General Assembly that a new barn should not be erected, then the request of \$500 for repairs on barns and tool houses should be granted..	2,500	2,500

ILLINOIS CHARITABLE EYE AND EAR INFIRMARY,
CHICAGO.

1	REMODELING IRON STAIRWAY: The managing officer makes this request to take out the present iron stairway and open areaway and replace same with a broad iron stairway; the stairway to lead from the third and the fifth floor. He claims that the present stairway is too narrow and inconvenient and that the areaway has caused much trouble in damaging the building. An examination of the old stairway leans me to believe, that while it would be an improvement, yet the old stairway is good enough for sometime to come. The request is, therefore, disapproved.....	1,500
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STATE TRAINING SCHOOL FOR GIRLS, GENEVA

1	SANITARY DAIRY BARN AND EQUIPMENT: At the present time 32 head of milch cows are supplying the institution. By next year the number of milch cows will increase to 60. The present barn is poorly lighted and ventilated and is insanitary. A modern sanitary barn is needed at this institution. Basing the estimate upon the cost of barns at other institutions it is believed that a well equipped barn can be built for \$8,000; therefore, this amount is recommended.....	22,000	8,000
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*Supervising Engineer recommends the above amounts. (See his report.)

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
2 FARMHOUSE AND EQUIPMENT FOR MALE EMPLOYES:	This request is made on an estimate prepared by the managing officer and the Chief Engineer. The present house is an old frame building and not large enough to accommodate the help. It is of frame construction, is heated with stoves, and has no modern conveniences. It was built 50 years ago. The improvement is greatly needed and an appropriation should be made. Approved.....	\$16,000	\$16,000
3 SEPTIC TANKS:	Many of the property owners along the Fox river have been working for the purification of sewage flowing into that stream. The Illinois river and lakes commission has brought this matter to the attention of the board. Every precaution should be taken to protect the health of the public at large. This improvement should be made. Approved.....	6,000	6,000
4 ENLARGING CHAPEL:	The seating capacity of the present chapel is only 425, crowding the auditorium to the limit. Additional seating capacity for 150 is desired. It is contemplated to extend the stage south and lengthen the hall. When the two new cottages are completed it will be necessary to have the additional seating capacity if all of the girls are assembled in one auditorium. The improvement should be made. Approved.....	6,000	6,000
5 INFIRMARY, HOSPITAL, MEDICAL WORK AND SUPPLIES:	This request is to cover the expenses of special operations, paying physicians and nurses and also the expenses of girls incident to lying-in hospitals. In my judgment the request is too large for this purpose. It is believed that \$8,000 will meet these expenses; therefore, that amount is recommended.....	10,000	8,000
STATE TRAINING SCHOOL FOR GIRLS, GENEVA			
6 CARPENTER, PLUMBER AND PAINT SHOP AND EQUIPMENT WITH ROOT CELLAR IN BASEMENT:	The mechanics of this institution are probably not furnished with as good quarters as those of other institutions, but it is thought that this improvement can be postponed for some time without serious injury to the State. In case the new dairy barn is provided the old dairy barn can be remodeled so that it can be used as a root cellar. Disapproved.....	6,800	
7 EXTENSION OF FIRE MAINS:	The fire mains of the institution should be extended to the north part of the grounds and five hydrants should be added. It will require 1,250 feet of heavy four-inch water pipe. It is important to have fire protection; therefore, the appropriation as requested is approved.....	1,250	1,250
8 ELECTRIC FEEDERS FROM SWITCHBOARD TO BUILDINGS:	The chief engineer states that the insulation of the old feeder wires gets damp and burns out; that it has been necessary, during the last year, to close down the plant four or five times to make repairs. The supervising engineer recommends concrete tunnels, etc.....	4,500	*15,000
9 TOILET AND DRESSING ROOMS IN ENGINE ROOM:	This request is made to build an extension 20x30 feet to the engine room for toilet and dressing rooms for the employes. It is believed that the appropriation for ordinary repairs and improvements is large enough to make these improvements; therefore request is disapproved.....	1,000	

*Supervising Engineer recommends \$15,000. (See his report.)

SCHEDULE "D"—Continued

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
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STATE TRAINING SCHOOLS FOR GIRLS, GENEVA—Continued

10 REFURNISHING OLD COTTAGES:

The appropriation for ordinary operating expenses is large enough to refurnish the cottages and should be used for that purpose; therefore, this special request is disapproved.

\$1,500

11 STORAGE TANKS FOR COAL:

I renew the recommendation made on a similar request by the Kankakee State Hospital which reads as follows: "While it is believed that this improvement would bring about a saving in heat units of coal, yet it is recommended that nothing be done until full information is obtained on this subject with the view of taking concerted action in regard to the power plants of all of our State institutions. The matter has not been sufficiently investigated to make a recommendation on the subject. Before experimenting, it should be given careful consideration by experts. Disapproved.

2,500

12 BALANCE DUE CHICAGO & NORTHWESTERN RAILROAD COMPANY ON SWITCH TRACK:

When the last General Assembly provided an appropriation of \$1,500 it was supposed that this amount would pay in full the sum due on the contract for the switch track, but the board has since been advised that there is still a balance of \$1,066.47 due. The claim has been pending for some time and should be settled. Approved.

1,066.47 1,066.47

13 AUTOMATIC DOOR OPENERS:

This request is made so that the individual rooms of the inmates can all be opened at one time. The danger from loss of life in case of fire is great if any delay is occasioned by unlocking the doors of the individual rooms. If a device has been perfected that can be safely operated and so arranged that in case of failure the doors can be unlocked by keys, then this appropriation should be made. If it is not made, the individual doors should be left open and a night watch employed for each cottage. The board has sufficient funds to equip two cottages at a cost of \$881.00; therefore only \$4,619 will be needed. Approved for this amount.

5,500 4,619

ST. CHARLES SCHOOL FOR BOYS, ST. CHARLES

1 WALKS:

This amount is needed to construct walks from the administration building to the main road; around the industrial building, new kitchen and new farm cottages. These walks are badly needed and an appropriation should be made. Approved.

1,500 1,500

2 FURNITURE AND CARPETS:

Two years ago \$1,500 was appropriated for this purpose. At that time it was thought that this was for an extraordinary expenditure and the appropriation was made to replace furniture and carpets in many of the buildings. Expenditures of this kind should be made from the ordinary operating expenses and it is believed the appropriation for that purpose is large enough to meet the bills; therefore, this request is disapproved.

1,500

3 SEWERS AND DRAINS:

The last General Assembly appropriated \$5,000 for this purpose. On account of an unexpended balance in the old appropriation \$2,000 will be ample for this purpose. The managing officer desires to drain 50 to 75 acres of land scattered over the 1,000 acre land tract of the institution and also to provide sewers for some of the new cottages. The institution has a cement tile machine and can manufacture the tile. Approved.

2,000 2,000

(II. Extraordinary Appropriations)

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked	Asked by Managing Officer	Recommended by Fiscal Supervisor
4	Two NEW COTTAGES AND FURNISHING SAME: Each of these cottages is to accommodate 40 boys. The state architect estimates that they will cost \$49,000. The managing officer estimates that it will require \$3,000 to furnish them. The managing officer states that during the past year the institution has had on an average 522 boys; that for the year ending June 30, 1914, the institution expects a population of 600 boys; for the next year 700 boys. This population would require additional quarters. It is contemplated in the future to take the boys from Cook county now being committed to the John Worthy school. It is believed that the cottages should be erected and the request is approved.....	\$52,000	\$52,000
5	NEW FARM COTTAGE AND FURNISHINGS: For the reasons stated above this building should be provided for. It is to accommodate 20 boys with the necessary farm help. It is to replace the 1½-story frame house now occupied by the gardener on the north road known as farm "G". The present house is about 40 years old and is in bad condition, there being no plumbing and no modern conveniences. Approved.....	15,000	15,000
6	REFRIGERATING PLANT AND INSULATION: In the construction of the new kitchen and bakery and cold storage building the appropriation made by the last General Assembly was insufficient to purchase a refrigerating plant and install same. At the present time the institution has no refrigerating plant and as they are located three miles from town it is necessary to have a plant of this kind to properly handle the large quantity of supplies received at the institution. The managing officer estimates that ice making and refrigerating machinery desired will cost approximately \$6,800 and the insulation approximately \$1,200. This will enable the institution to properly care for milk, vegetables, butter, butterine, eggs and everything requiring refrigeration. It is considered economy to have good refrigeration for an institution of this kind....	8,000	*8,000
7	ADDITIONAL LAUNDRY EQUIPMENT: This request is made for the reason that additional equipment is needed for the increased population, due to the closing of the John Worthy school. A new washer and steam dry rooms are needed. Approved.....	1,500	1,500
8	AIR COMPRESSOR, FEED WATER HEADER AND ENGINE LATHE: Two years ago the General Assembly provided for a deep well, but the appropriation was inadequate to purchase a compressor and it was necessary to disconnect the compressor used on the old well and connect it with the new one, so now it is impossible to pump water from the old well, unless a connection is made. In case of a breakdown at the present time it would be impossible to pump water from the wells. The compressor should be furnished. \$1,500 will purchase a compressor which will be suitable for the purpose; \$1,000 will purchase the header and \$800 will be ample for the lathe. The sum of \$3,300 is therefore recommended.	3,800	3,300
9	HOSE HOUSE: The managing officer states the present fire apparatus is stored in the power house and also in the horse barns and it is desirable to assemble all of it in one place. It is believed the hose house can be erected without any special appropriation; therefore, the request is disapproved.....	\$500	

*Supervising Engineer recommends \$8,000. (See his report.)

SCHEDULE "D"—(II. Extraordinary Appropriations)—Concluded

Item No.	Items and Opinion of the Fiscal Supervisor Respecting the Amount Asked ST. CHARLES SCHOOL FOR BOYS, ST. CHARLES—Continued	Asked by Managing Officer	Recommended by Fiscal Supervisor
10	EQUIPMENT FOR PRINTING DEPARTMENT: The managing officer states that the printing department has never been properly equipped; that \$200 is needed for a small press and the balance of the equipment and printer's supplies. It is recommended that \$200 be allowed for a press, but it is believed that it would be proper to purchase the other articles from the appropriation for ordinary operating expenses. Approved for \$200.....	\$ 500	\$ 200
11	BARNs: At the present time the state is erecting farm cottages on sites where there are no barns. This request is made so that the institution can be provided with barns at the two farm cottages to cost \$1,500 each. The balance is desired to erect an addition to the present cow barn. With an increased population of boys it will be necessary to milk from 60 to 70 head of cows and an additional barn is needed. The two barns at the farm cottages are also needed. The estimates of cost were made by the managing officer. Approved.....	5,000	5,000
12	CHAPEL: The managing officer states: "Our present assembly hall is the third floor of the school building. This hall will seat comfortably only about 450 boys. Our present population is over 500 boys. It is impossible to seat to advantage all the boys in the institution in this assembly hall. This in connection with the fact that our population is increasing, and as previously stated, with the completion of the new cottages, we will have a population of 600 boys. This in a few years will undoubtedly reach 700. For the purpose of chapel service, entertainments, occasions where it is necessary to assemble all the boys, we should have a chapel or hall large enough to seat them comfortably. Such a hall should be built with a stage and dressing rooms so it could be used for all kinds of school entertainments and at the same time be utilized for religious services. This chapel should be built to seat at least 1,000, thus anticipating future growth of the institution. Such a building, plain construction, properly furnished with seats, would cost, on the architect's estimate, \$27,500." While the improvement is greatly desirable, yet it is believed that the erection of this building can be postponed for two years at least. In cases of emergency the gymnasium building could be used for giving entertainments and for the purposes indicated in the recommendation of the managing officer. Disapproved.....	27,500	
13	ADDITION TO SCHOOL BUILDING: The addition contemplated is to have 8 rooms. With the increased population it will be necessary to enlarge the school building. At the present time one-half of the boys attend school in the morning and the other one-half in the afternoon. While one set is at work in the industrial department the other is attending school. At the present time the school rooms are crowded, there being on an average of 36 to 40 boys in the room. The managing officer is of the opinion there should not be over 30 to the room. His request is made on the state architect's estimate which includes equipment. Approved.....	28,000	28,000
14	CLOCK FOR SCHOOLHOUSE TOWER: The schoolhouse was built with a clock tower, but on account of lack of funds the clock was never purchased. It would add greatly to the appearance of the institution if a clock was provided. In the training of boys, punctuality is an important factor in their education, and there should be uniform time for all of the departments. Approved.....	500	500

SUPERVISING ENGINEER'S REPORT

Springfield, January 4, 1913.

Hon. Board of Administration
Of the State of Illinois,
Springfield, Illinois.

Gentlemen:

The Supervising Engineer for the Illinois General Assembly, its members and committees, and Board of Administration herewith submits to the Hon. Board of Administration a report containing a list of appropriations that will be required in the construction, repair, equipment, and economical management of the following State Institutions with detailed cost of same.

ELGIN STATE HOSPITAL, ELGIN, ILL.

Extraordinary improvements for new power plant.

1800 h. p. boilers, stokers, breeching, soot blowers, ash handling machinery and foundation.....	\$45,000
Smoke stack.....	6,500
Smoke connections complete.....	1,500
Moving machinery from old to new plant.....	4,000
Boilers, headers, valves and connections.....	9,000
Foundation for machinery.....	1,000
Ash tunnel.....	1,000
Boiler house, coal storage building.....	45,000
One 200 k. w. engine and generator	7,500
150 ft. of tunnel.....	1,000
Two new boiler feed pumps.....	1,200
Steam piping—changing steam and hot water piping from old to new boiler house.....	5,000
Wiring for power house and changing switchboard.....	1,500
One 75 k. w. alternating engine and generator.....	4,000
Coal bins, raising coal car tracks, and supplying carpenter shop wall.....	1,600
 Total.....	\$134,800

REMARKS: There are two power stations at this institution known as the main and auxiliary power plants. The main power plant is connected directly with the main dormitory buildings and due to its close proximity to these buildings there is an element of danger, as the buildings are non-fire proof and in case of fire in either building the whole plant would be liable to be destroyed. There is no available room in this power plant for any more machinery, and also the present smokestack is loaded to its fullest capacity, and, inasmuch as it is absolutely necessary to increase the power to take care of the present and additional buildings now being erected, it is necessary that a new central house be erected at this institution thereby dispensing with the auxiliary power house, and reinstalling and reusing such portions of machinery as will be found available. I, therefore, recommend that the above mentioned improvements be made in order that proper service may be rendered, safety insured, and for the economical operation of this plant.

KANKAKEE STATE HOSPITAL, KANKAKEE, ILLINOIS

Proposed improvements which have been asked for by Superintendent of institution:

Domestic hot water heater.....	\$1,200
Pressure tank to operate hydraulic elevators.....	1,600
Electric pumps for deep well.....	2,000
Brine systems for cold storage.....	3,500
Water system, cast iron pipe, valves, special hydrants, two depressed tanks, material for conduits, electricaly driven centrifugal pumps, electrical pole line equipment, and repairing old pumping station.....	20,000
New 500 h. p. water tube boiler with stokers and equipment.....	10,500
 Total.....	\$38,800

I recommend this work to be done.

ANNA STATE HOSPITAL, ANNA, ILLINOIS

Improvements for the refrigerating plant at this institution consists of new electric motors, a compressor, circulating pumps, connections and extensions at a cost of about.....	\$5,000
Also a new coal house and coal hopper which will cost about.....	2,500
Also that a tunnel of 2,500 feet in length, 6 feet high by 5 feet wide, equipped with pipe supports, electric brackets and accessories for supporting the steam and hot water piping, valves, fittings, expansion joints and electric cables at a cost of about.....	27,500
Total.....	\$35,000

REMARKS: At present the steam piping and electric cables which supply the power, heat and light to the various buildings of this institution are conducted through small conduits which are inaccessible to make repairs without going to considerable expense and is also a very poor method of insulation. By the construction of a tunnel as above mentioned greater economy can be maintained in the operation of this plant at a much less cost than it is now being operated.

WATERTOWN STATE HOSPITAL, WATERTOWN, ILLINOIS

Two 350 h. p. boilers, breeching, steam headers, stokers, soot blowers and pipe connections.....	\$21,000
Brick smokestack for 1200 h. p. boilers.....	5,500
Proposed additional water supply from the river including filtering apparatus, pipe and pole lines, motors pumps, reservoir pumping station and intake connections.....	31,500
Total.....	\$58,000

REMARKS: The water supply at this institution is furnished from deep wells which are none too reliable, and while the water is good for domestic purposes, it is not so good for boiler purposes, therefore, the boilers show serious pitting from the use of same. With this additional water supply from the river properly filtered this institution will be assured of an adequate supply of water for both domestic and water feed purposes. An appropriation of \$9,500 was appropriated two years ago for this work which was found to be entirely inadequate to undertake the improvement. The present boiler plant consists of 925 h. p. boilers connected to two smokestacks, one of the said stacks being operated by natural draft, the other by induced draft, this being a poor and expensive arrangement. Four of the boilers should be replaced with new ones. I, therefore, recommend that the improvements be allowed.

PEORIA STATE HOSPITAL, PEORIA, ILLINOIS

Extraordinary improvements for power and refrigerating plant.	
1400 h. p. boilers, stokers, soot blowers.....	\$35,000
Breeching and ash handling machinery.....	5,500
Smokestack.....	6,000
Two new stokers for the Geary boilers now in use.....	3,500
Refrigerating machinery.....	7,500
Steam headers, piping and pipe covering.....	5,000
Electric wiring.....	2,000
Total.....	\$64,500

REMARKS: There are at present 1,225 h. p. boilers in the power house at this institution connected to a smokestack only capable of caring for 900 h. p. Five of the above mentioned boilers have been in service many years and have once been reconstructed and should be replaced without delay. The other two boilers can be used to advantage for a number of years. The total boiler horse power is entirely inadequate to meet the requirements of this institution and, therefore, it is absolutely necessary that as soon as appropriation can be allowed that this work be done so that new boilers and new stack can be in operation before the fall of 1913.

ESTIMATE FOR PEORIA STATE HOSPITAL FARM COLONY

Electric light, power and waterworks.	
Two 100 k. w. engine driven generators.....	\$9,000
Switchboard and wiring.....	2,000
Steam piping and connections.....	2,000
Six transformers.....	1,500
Two switchboard panels and wiring.....	1,000
Three and one-half miles pole and telephone wire.....	8,000
Pumps, motors and engine for pumping station.....	11,500
Building for pumping station.....	7,500
Three 12-inch driven wells.....	5,000
Approximately 500 feet cast iron flange piping.....	2,500
Piping and connections for pumps in pumping station.....	1,000
2,200 feet 12-inch cast iron water pipe.....	6,000
Equipment such as motors, pumps, etc., for Farm Colony.....	3,000
Estimated purchase of land for pumping station and right-of-way for pipe and pole line.....	10,000
 Total.....	\$70,000

REMARKS: It is the writer's opinion in accordance with the estimate submitted and the cost of maintenance for the installation of a new plant to furnish this institution with water, and inasmuch as the Peoria Water Company who is now furnishing water to this institution has offered a reduction in the water rates to the Honorable Board which, to the writer, appears reasonable, I deem it advisable to recommend that the Honorable Board enter into a long term contract whereby the Water Company shall be responsible for maintenance of the water mains, and preference to be given the institution over all other consumers who are supplied from the water mains which supply water to this institution. I also recommend the present water meters be replaced with larger ones.

CHESTER STATE HOSPITAL, MENARD, ILLINOIS

Two steam heating boilers, breeching, piping and equipment.....	\$5,500
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REMARKS: Due to long use the present boilers are in a deteriorated condition and I recommend that said boilers be replaced as soon as possible with new ones.

CHICAGO STATE HOSPITAL, DUNNING, ILLINOIS.

Extraordinary improvements, heat tunnels, light, power and cold storage plant.	
1400 h. p. boilers, stokers and soot blowers.....	\$35,000
Smoke breeching and ash handling equipment.....	5,000
Three units of engines and electrical generators, switchboard and wiring.....	25,000
Steam headers, piping for boilers, engines and pumps.....	10,000
Central domestic hot water supply, heaters, pumps and connections.....	7,000
Pipe covering in tunnels, boiler and engine room.....	5,000
Refrigerating machinery, compressors, condensers, circulating pumps, motors, piping and connections.....	12,000
Electric wiring on grounds and buildings.....	8,000
Power house and cold storage buildings.....	55,000
Rehabilitation of the heating system in all the various buildings and present tunnels.....	45,000
New tunnel construction to provide for present and new buildings.....	18,000
 Total.....	\$225,000

REMARKS: Power and heat is now supplied to the various buildings of this institution from two power houses. The machinery and power house buildings have been in service many years and the greater part of the machinery such as engines, generators, pumps and boilers are practically worn out; likewise, the power house buildings are in bad condition. I would recommend a new central power house to be erected in connection with the smokestack which was erected about eight years ago and is in good condition and capable of operating a plant of 2,400 h. p. of boilers. There is at present time 2,000 h. p. of boilers of which 1,000 h. p. can be used for a number of years, and, by having the central power house as recommended, a great saving can be made in the operation of this plant.

The heating system in the various buildings and present tunnels from long use are in a most deteriorated condition, many repairs having been made from time to time on same until at the present time the greater part of them are unfit for use and should be renewed and reconstructed on more modern principles, thereby saving a large expense in the operation of the same. Two new buildings are now about to be erected which will require about 7,000 sq. ft. of radiation, and this proposed central plant of 2,400 h. p. will be capable of furnishing heat, power and light to all present buildings and also the two new buildings in addition to other buildings asked for by the superintendent of this institution.

LINCOLN STATE SCHOOL AND COLONY, LINCOLN, ILLINOIS.

Coal conveyers, ash handling equipment, motors, hangers, tanks, foundations and structural iron work.....	\$15,000
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REMARKS: With the addition of these new improvements this institution will have a complete modern boiler plant which can be operated on the most economical basis. I, therefore, recommend these improvements be allowed.

ILLINOIS SCHOOL FOR DEAF, JACKSONVILLE, ILLINOIS.

3,500 feet of No. 24 tile for water supply system and improvements to present pumping plant, including motor, pump and connections, and repairing the present water supply reservoir.....	\$7,500
The above mentioned improvements are recommended by the Supervising Engineer.	

ILLINOIS SCHOOL FOR THE BLIND, JACKSONVILLE, ILLINOIS.

Smokestack, breeching, piping and enlarging coal shed.....	\$5,500
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REMARKS: The smokestack at this institution has been in a damaged condition for some time and I, therefore, recommend it be replaced by a new one as soon as possible, and also recommend the enlargement of the coal shed.

ILLINOIS SOLDIERS' AND SAILORS' HOME, QUINCY, ILLINOIS.

Two 350 water tube boilers, smoke flue breeching, soot blowers, steam headers, connecting tanks, ash conveyors, motor equipment and connections.....	\$20,000
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SOLDIERS' WIDOWS' HOME OF ILLINOIS,
WILMINGTON, ILLINOIS.

Two steam heating boilers with some breeching furnace grates, steam piping and connections.....	\$5,000
Enlarging boiler house.....	6,000
Conduit and piping to supply heat and light to the new hospital building.....	1,000
Repairing steam piping and connections to the present heating system.....	3,000
Total.....	

\$15,000

REMARKS: It is absolutely necessary that new boilers be furnished for this institution as soon as possible, as the present boilers are unfit to further do the work. It will be necessary to enlarge the present boiler house in order to properly install the new boilers therein. I recommend these improvements be made.

SOLDIERS' ORPHANS' HOME, NORMAL, ILLINOIS.

New deep well and equipment.....	\$4,000
1,500 feet of 6-inch cast iron water pipe, complete.....	2,000
Repairs to heating system, steam headers, pipe connections.....	4,000
Total.....	

\$10,000

REMARKS: It is necessary to have an additional deep well in order to have adequate water supply. The present water pipe system from the pumping station to the reservoirs is too small and worn out from long use. It is proposed to move two boilers which are out of service and replace the same by the marine boiler which is located in another part of the power house, thereby making it more convenient and economical in operating the entire boiler plant in this station. This will call for changes to be made in the steam header and steam pipe connections. I, therefore, recommend this work to be done.

STATE TRAINING SCHOOL FOR GIRLS, GENEVA, ILLINOIS.

Concrete tunnels to connect the various buildings and two additional buildings now being erected and to provide for steam hot water piping, electric cables and connections..... \$15,000
 REMARKS: At the present time the steam piping and electric cables are supplied through separate small conduits which are very inaccessible and expensive to maintain. I, therefore, recommend the above improvement for this institution.

ST. CHARLES SCHOOL FOR BOYS, ST. CHARLES, ILLINOIS.

Refrigerating plant, compressors, condensers, circulating pumps, tanks, reboiler connections and insulation..... \$8,000

REMARKS: There is no refrigerating plant at this institution at this time. During the past year a new kitchen was built and rooms provided for this proposed refrigerating plant, which is a necessity at this institution, and I, therefore, recommend the amount asked for be allowed.

CONCLUSION.

Inasmuch as the Honorable Board of Administration has at this time a first-class system of storage and distribution of supplies for the needs of the patients, wards and attendants at the various institutions, the writer would recommend that suitable quarters be provided, and all supplies such as plumbing goods, paints, oil, hardware, engine-room and all other mechanical supplies be under the care and supervision of the storekeeper and requisitioned and accounts kept of the same. This will prevent a considerable loss of supplies and show how and where the various supplies are disposed of.

Respectfully submitted,

(Signed) THOMAS DOWNS,
 Supervising Engineer.

SCHEDULE "F"—SUMMARY

	Asked by Managing Officers	Recommended by Fiscal Supervisor	Recommended by Supervis- ing Engineer
Ordinary Operating Expenses.....	\$7,721,235.00	\$7,013,363.42	.....
Psychopathic Institute.....	34,600.00	34,600.00	.....
Ordinary Repairs and Improvements.....	823,656.00	713,900.00	.....
Ordinary Care and Improvement of Grounds.....	75,000.00	59,400.00	.....
Ordinary Repairs and Improvements of Factory.....	3,000.00	3,000.00	.....
New Buildings and Additions.....	2,181,300.00	1,518,500.00	.....
Steam Heating, Light, Water, Power and Refrigerating Plants.	520,128.00	26,200.00	\$727,600.00
Miscellaneous.....	333,445.53	256,405.47	.....
 Total.....	\$11,692,364.53	\$9,625,368.89	\$727,600.00

AMENDMENTS BY BOARD

Springfield, Illinois,
 February 17, 1913.

The Board of Administration met at its office in the Capitol Building on this day to consider the Report of Frank D. Whipp, Fiscal Supervisor, regarding appropriations for the State charitable institutions for two years ending June 30, 1915. Those present were B. R. Burroughs, F. P. Norbury, Thomas O'Connor and Frank D. Whipp; L. Y. Sherman being absent and formally excused by the Board.

In considering requests for appropriations, Mr. Whipp, Fiscal Supervisor, did not participate in voting for or against the recommendations.

The Report, after being read and considered by the Board, was ordered approved, except as follows:

ORDINARY APPROPRIATIONS

ELGIN STATE HOSPITAL

ORDINARY OPERATING EXPENSES FOR 1913: The Board recommends that \$7,950 be added to the recommendation of the Fiscal Supervisor, to care for 50 additional patients, at a per capita cost of \$159.01; an increase in population being expected on account of the recent proclamation issued by the Board of Administration, to the effect that the State will furnish complete care of all insane now cared for by the different counties.

ORDINARY OPERATING EXPENSES FOR 1914: The Board recommends that \$15,901 be added to the recommendation of the Fiscal Supervisor, to care for 100 additional patients, at a per capita cost of \$159.01; an increase in population being expected on account of the recent proclamation issued by the Board of Administration to the effect that the State will furnish complete care of all insane now cared for by the different counties.

ILLINOIS SOLDIERS' AND SAILORS' HOME

ORDINARY OPERATING EXPENSES FOR 1913: Since the Fiscal Supervisor has made his report he has reviewed the financial reports from the Illinois Soldiers' and Sailors' Home and desires to change his recommendation that \$12,000 be deducted for the estimated surplus July 1, 1913. At this time he feels it would be unsafe to make the deduction for the reason that with a smaller population the Home would have the same administrative expense. The Board concurs in his recommendation to increase the first year's appropriation to \$218,652.

ANNA STATE HOSPITAL

ORDINARY REPAIRS AND IMPROVEMENTS: The Board recommends that instead of employing 4 plumbers, 2 steamfitters and 2 plumbers be employed.

PEORIA STATE HOSPITAL

ORDINARY OPERATING EXPENSES FOR 1913: The Board recommends that \$8,585 be added to the recommendation of the Fiscal Supervisor, to care for 50 additional patients, at a per capita cost of \$171.70; an increase in population being expected on account of the recent proclamation issued by the Board of Administration, to the effect that the State will furnish complete care of all insane now cared for by the different counties.

ORDINARY OPERATING EXPENSES FOR 1914: The Board recommends that \$17,170 be added to the recommendation of the Fiscal Supervisor, to care for 100 additional patients, at a per capita cost of \$171.70; an increase in population being expected on account of the recent proclamation, issued by the Board of Administration, to the effect that the State will furnish complete care of all insane now cared for by the different counties.

ORDINARY CARE AND IMPROVEMENT OF GROUNDS: The Board recommends that \$5,000 be added to the recommendation of the Fiscal Supervisor to build cement steps leading from the public highway at the foot of the hill to the walks connecting the buildings of the hospital, also for other needed improvements. In this connection the Board deems it advisable to employ a landscape engineer to prepare definite plans for beautifying the grounds.

EXTRAORDINARY APPROPRIATIONS

PEORIA STATE HOSPITAL

GARDEN COLONY FOR SIXTY WORKING PATIENTS: The recommendation of the Fiscal Supervisor was \$30,000 for this building. The Board recommends that the Fiscal Supervisor's recommendation be disapproved for the reason that it is not desirable to locate a building on the site contemplated; that the matter of transferring patients to and from the main buildings is not detrimental to the institution.

GARDEN COLONY FOR SIXTY ADULT WOMEN: The Fiscal Supervisor requested an appropriation of \$30,000 for this purpose. The Board recommends that this request be disapproved, for the reason that it is undesirable to care for female patients in a farm colony and also for the reason that at farm colonies it is necessary to have individual heating and water plants, which are more expensive to maintain than for cottages in the institution group.

CHICAGO STATE HOSPITAL, DUNNING

BUILDING FOR TUBERCULAR PATIENTS: The Fiscal Supervisor recommended \$38,000 for this purpose. The Board recommends that the request be disapproved for the reason that there is more urgent need for money to properly care for patients in the other buildings at Dunning and also for the reason that the Tuberculosis Sanitarium, now operated by Cook County, which is on the grounds of the Chicago State Hospital, will soon be vacated and part of it can then be used by the State for the care of tubercular patients; that no appropriation be made until conditions warrant the erection of a new building.

PLUMBING: The Fiscal Supervisor recommends \$4,000 for this item. The Board recommends that \$6,000 be added to the recommendation of the Fiscal Supervisor, for the reason that the plumbing in the entire institution is old, wornout, insanitary and the fixtures are unsuitable for use.

THE ILLINOIS SOLDIERS' AND SAILORS' HOME

CHURCH BUILDING: The Fiscal Supervisor recommended \$25,000 for this purpose. The Board recommends that this request be disapproved.

HOSPITAL BUILDING FOR CONTAGIOUS DISEASES AND ISOLATION OF PATIENTS: The Fiscal Supervisor requested \$60,000 for this purpose. The Board recommends that this item be disapproved. The vote of the Board on this question was as follows—Ayes: Burroughs and O'Connor. Nays: Norbury. Not voting: Whipp.

The Report of the Supervising Engineer on the request for appropriations made by the managing officers of the Eighteen (18) State institutions under the control of the Board of Administration and his recommendations in regard thereto, after being read and considered by the Board were ordered approved, except as follows:

EXTRAORDINARY APPROPRIATIONS

ELGIN STATE HOSPITAL

NEW BOILER PLANT, POWER HOUSE AND EQUIPMENT: The Board recommends that the \$134,800 requested by the Supervising Engineer be reduced to \$90,500, and that the following items contained in his report be eliminated: Engine and generator, \$7,500; feed pumps, \$1,200; engine and generator \$4,000; coal bins, \$1,600; reduction in horse power and boilers, \$15,000; coal shed, \$15,000. The reason for these reductions is that the Supervising Engineer and the Board are of the opinion that some of the present machinery can be used to tide over until another appropriation period has elapsed; that the old coal shed can be used instead of the new one.

KANKAKEE STATE HOSPITAL

NEW UNIT FOR ENGINE ROOM: Managing Officer's recommendation for \$7,500 is disapproved.

RESERVE PUMP FOR DEEP WELLS: Upon recommendation of the supervising engineer the Board disapproves \$2,000 for this purpose.

NEW 500 H. P. WATER TUBE BOILERS WITH STOKERS AND EQUIPMENT: Upon recommendation of the supervising engineer the Board disapproves of the \$10,500 request for this purpose.

ANNA STATE HOSPITAL

TUNNEL TO CONNECT BUILDINGS: The Board recommends that the supervising engineer's request covering this item for \$27,500 be approved.

EXTENSION OF COAL SHEDS: The Board approves the supervising engineer's request for \$2,500.

IMPROVEMENT OF REFRIGERATING PLANT: The Board disapproves the recommendation of the supervising engineer for \$5,000.

WATERTOWN STATE HOSPITAL

WATER SUPPLY FROM THE RIVER: The Board recommends that the managing officer's request of \$15,000 be approved for the reason that \$9,500 of an old appropriation is available to be used up to September 30, 1913.

BOILERS: The Board recommends an appropriation of \$18,000 for this purpose.

CEMENT SMOKESTACK: The Board recommends a BRICK smokestack be erected at a cost of \$5,500, as requested by the supervising engineer.

PEORIA STATE HOSPITAL

FOUR 350 H. P. BOILERS AND EQUIPMENT: The Board recommends that the amount be reduced to \$30,000 for four 300 h. p. boilers and equipment.

TWO NEW STOKERS FOR GEARY BOILERS: Recommendations of supervising engineer for \$3,500 approved.

SMOKESTACK: Board recommends \$5,000 be appropriated instead of \$6,000.

BREECHING AND ASH HANDLING MACHINERY: Board recommends a reduction of \$1,500 from the supervising engineer's request, making the amount \$4,000.

ELECTRICAL EXTENSION: Supervising engineer's request for \$2,000 approved.

ASBESTOS COVERING FOR STEAM PIPES: The Board recommends an appropriation of \$2,000 for pipe covering ONLY.

ELECTRIC LIGHT, POWER AND WATER WORKS: Inasmuch as the farm colony is located approximately two miles from the main plant of the institution, it is not economical to use the electric current from that plant, and the Board deems it advisable to purchase current at not to exceed 7 cents per kilowatt hour; therefore, the Board recommends that only a water system be provided for at a cost of \$8,500 as follows: Elevated tank \$5,000; pump and motor, \$2,000; well, \$1,500.

CHESTER STATE HOSPITAL

TWO NEW BOILERS AND EQUIPMENT: The Board disapproves the supervising engineer's request to appropriate \$5,500 for the reason the present plant will be ample until the new institution is constructed at Joliet.

CHICAGO STATE HOSPITAL

HEAT, LIGHT, POWER, VENTILATING AND COLD STORAGE PLANT: The Board recommends that \$61,000 be deducted from the amount requested by the supervising engineer; \$45,000 of this amount being for rehabilitation of heating system in all of the various buildings and present tunnels, and \$16,000 to provide for new tunnel construction. The Board's recommendation is \$164,000.

LINCOLN STATE SCHOOL AND COLONY

COAL CONVEYOR: The Board recommends that the request of the managing officer for \$2,500 be approved.

ILLINOIS SCHOOL FOR THE DEAF

IMPROVEMENT OF WATER SUPPLY PLANT: The Board disapproves this request.

NEW RESERVOIR: The Board disapproves this request.

ILLINOIS SCHOOL FOR THE BLIND

BRICK CHIMNEY: The Board disapproves this request.

ILLINOIS SOLDIERS' AND SAILORS' HOME

TWO WATER TUBE STEAM BOILERS: The Board disapproves this request.

COAL BUNKERS AND ASH CONVEYOR: The Board disapproves this request.

THE SOLDIERS' WIDOWS' HOME OF ILLINOIS

NEW BOILER HOUSE AND BOILERS: Request for \$15,000 for this improvement is reduced by the Board to \$5,000 for the reason it is now proposed to install low pressure boilers.

THE ILLINOIS SOLDIERS' ORPHANS' HOME

NEW PUMP: The Board disapproves this request, for a new pump, and in lieu thereof recommends \$10,000 be appropriated for improving the water system, this to include elevated storage tank to take the place of the old cistern now being used, it being the opinion of the Board it is dangerous to store water in a cistern for any great length of time for domestic use.

REPLACING OLD STEAM AND WATER PIPES: The Board approves recommendation made by the supervising engineer for \$4,000.

STATE TRAINING SCHOOL FOR GIRLS

ELECTRIC FEEDERS FROM SWITCHBOARD TO BUILDINGS: The Board recommends that the request for \$15,000 be granted, but that the title of the item be changed to "concrete tunnel, piping and wiring."

BOARD OF ADMINISTRATION
By FRANK D. WHIPP,
President pro tem.

ATTEST:

B. R. BURROUGHS,
Secretary.